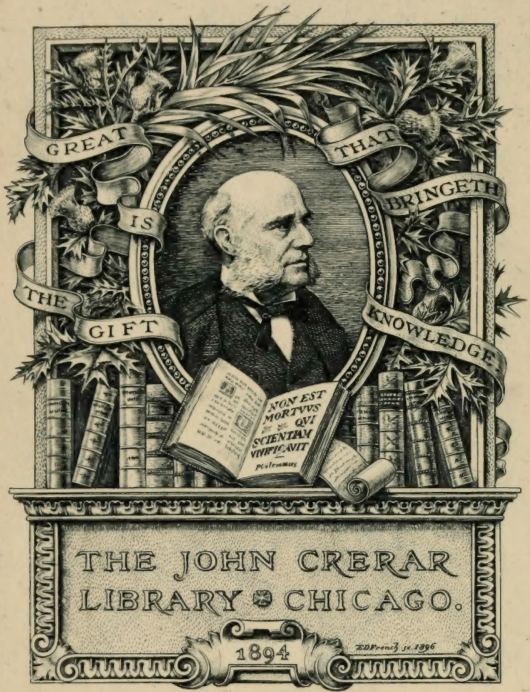
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Brainard Wayland Barrows,	S. Attleboro', Mass.	Mr. Barrows'.
Samuel Penniman Bates,	Mendon, Mass.	24, H. C.
George Henry Hough Benedict,	Pawtucket,	8, H. C.
Francis Wilder Bird,	Winsor, N. C.	32, H. C.
Emmons Paley Bond,	Tolland, Conn.	38, H. C.
Joseph Bradford,	Newport,	41, H. C.
John Summerfield Brayton,	Somerset, Mass.	5, H. C.
Charles Frederic Brownell,	Providence,	Dr. Brownell's.
James Osgood Andrew Clark,	Savannah, Ga.	30, U. H.
Winthrop De Wolf,	Providence,	Dr. De Wolf's.
Lysander Dickerman,	Providence,	Mr. Dickerman's.
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William Newell Fay,	Grafton, Mass.	21, H. C.
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Edwin Hartwell Heard,	Wayland, Mass.	20, H. C.
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Henry Whitefield Morse,	Taunton, Mass.	41, H. C.
Frederick Mott,	Montrose, Pa.	19, U. H.
John Norris, Jr.	Bristol,	31, U. H.
Warren Randolph,	Piscataway, N. J.	42, H. C.
James Barlow Simmons,	North East, N. Y.	19, U. H.
John Frank Slater,	Providence,	H. N. Slater's.
Robert Noah Smith,	Calais, Me.	31, H. C.
Hamilton Barclay Staples,	Mendon, Mass.	2, H. C.
Uriah Thomas,	Norristown, Pa.	22, H. C.
Warren Thaddeus Webster,	Kingston, N. H.	23, U. H.
Asa Messer Williams,	Taunton, Mass.	44, H. C.
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NAMES.	RESIDENCES.	ROOMS.
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†George Ellery Clark,	Needham, Mass.	17, U. H.
William Hawley Dickinson,	Worcester, Mass.	41, U. H.
Alexander Farnum,	Waterford, Mass.	42, U. H.
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Nathan Edward Goldthwaite,	Uxbridge, Mass.	30, H. C.
Benjamin Willis Kinsman,	Newburyport, Mass.	50, U. H.
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John Nelson Murdock,	Winchendon, Mass.	44, U. H.
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NAMES.	RESIDENCES.	ROOMS.
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Elijah Perry,	Norwich, Conn.	34, H. C.
†Orlando Poindexter,	Pittsburg, Pa.	
Charles Bertrand Randall,	Somerset,	14, H. C.
†Phineas Munsell Randall,	N. Stonington, Conn.	
George Reed,	North East, N. Y.	3, H. C.
Thomas Francis Richardson,	Boston, Mass.	40, H. C.
Alfred Brown Satterlee,	Strykerville, N. Y.	57, U. H.
George Washington Shaw,	Tremont, Ill.	54, U. H.
Henry Fairfax Shepard,	Salem, Mass.	20, U. H.
Charles Andrew Snow,	Providence,	49, U. H.
Charles Erastus Stephens,	Taunton, Mass.	37, U. H.
Grenvill Smith Stevens,	Rehoboth, Mass.	45, U. H.
Melancthon Storrs,	Ashford, Conn.	19, H. C.
George Blake Vose,	Pawtucket, Mass.	20, H. C.
Clarendon Waite,	Worcester, Mass.	36, U. H.
William Henry Watson,	Providence,	Wm. R. Watson's.
William Franklin Webster,	Kingston, N. H.	23, U. H.
‡William Babcock Weeden,	Westerly,	50, U. H.
Lucius Augustus Wheelock,	Boston, Mass.	16, U. H.
Joseph Culver Wightman,	Montville, Conn.	56, U. H.

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NAMES.	RESIDENCES.	ROOMS.
Daniel Sylvester Andrus,	Elmira, N. Y.	42, U. H.
Frederic Bates,	Pawtucket, Mass.	30, H. C.
John Blackmer,	Plymouth, Mass.	1, H. C.
Osborn Edmund Bright,	Roxbury, Mass.	16, H. C.
Charles Parker Bruce,	Calcutta, India,	1, H. C.
Edward Thompson Caswell,	Providence,	Dr. Caswell's.
Charles Chaffin, Jr.	Holden, Mass.	26, H. C.
Samuel Dexter Cozzens,	Providence,	B. Cozzens'.
George Augustus Crocker,	Taunton, Mass.	13, H. C.
Benjamin Franklin Fish,	Providence,	40, H. C.
James Milton Foster,	Springfield, Mass.	52, U. H.
Delano Arlington Goddard,	Worcester, Mass.	16, H. C.
Jared Mann Heard,	Wayland, Mass.	20, H. C.
George Donald Henderson,	Portsmouth, N. H.	15, H. C.
Charles Henry Henshaw,	Providence,	Bishop Henshaw's.
Walter Hillman, Jr.	Tisbury, Mass.	33, H. C.
Howard Malcom Jones,	Providence,	Mrs. Wild's.
William Henry Kingsbury,	Tamworth, N. H.	29, H. C.
*Edward Payson Lawton,	Robertsville, S. C.	43, U. H.
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William Haile Mason, Jr.	Thompson, Conn.	37, H. C.
Eaton Whiting Maxcy, Jr.	Providence,	E. W. Maxcy's.

NAMES.	RESIDENCES.	ROOMS.
Francis Marion McAllister,	Savannah, Ga.	4, H. C.
Cutler Corday McAllister,	Savannah, Ga.	4, H. C.
Enos Munger,	Attica, N. Y.	57, U. H.
George Boardman Parker,	North Reading, Mass.	52, U. H.
William Stevens Perry,	Providence,	S. Perry's.
Leonard Barnes Pratt,	Providence,	Thomas Burgess's.
William Milton Ross,	Springfield Mass.	33, H. C.
John Sanderson, Jr.	Athens, N. Y.	15, H. C.
Lewis Everett Smith,	Lincoln, Mass.	29, H. C.
Charles Briggs Thomas,	Duxbury, Mass.	34, U. H.
John Turner,	Providence,	Mrs. Turner's.
Marston Watson,	Newark, N. J.	13, H. C.

ENGLISH AND SCIENTIFIC COURSE.

NAMES.	RESIDENCES.	ROOMS.
David Ballou,	Woonsocket,	51, U. H.
William Butler Duncan,	Providence,	Alex. Duncan's.
Nathan Francis Mason,	Providence,	36, H. C.
Ira Whorter Simpson,	Almond, N. Y.	25, H. C.
Roswell Chamberlain Smith,	Lebanon, Conn.	48, U. H.
Thomas Alexander Tefft,	Providence,	22, U. H.
Frank Wheaton,	Providence,	Dr. F. Wheaton's.
John Winslow,	Newton, Mass.	48, U. H.

SUMMARY.

Resident Graduates,	1
Seniors,	24
Juniors,	40
Sophomores,	43
Freshmen,	34
English and Scientific Course,	8
Total,	150

ABBREVIATIONS, ETC.

H. C.	Hope College.
U. H.	University Hall.
†	Dismissed.
‡	Absent by Permission.

REQUIREMENTS FOR ADMISSION.

No person shall be admitted a member of the Freshman Class, unless he has completed his fourteenth year, nor to advanced standing, without proportional increase of age. He must bring satisfactory evidence of unexceptionable moral character, be thoroughly acquainted with the grammar of the Latin and Greek Languages, and be able to construe and parse any portion of the following books, namely: Jacob's, Felton's or Colton's Greek Reader, Cæsar's Commentaries, Virgil, Cicero's Select Orations, and to translate English into Latin and Greek correctly. He must also be well acquainted with ancient and modern Geography, Arithmetic, English Grammar, and with Algebra, as far as Quadratic Equations. To enter upon an advanced standing, he must, in addition, be thoroughly versed in all the preceding studies of the class to which he proposes to be admitted.

The Grammars used in College, are Kühner's Greek, and Andrews and Stoddard's Latin Grammar. Candidates for admission will be subjected to a rigid examination in these, or in such other Grammars of the Latin and Greek Languages as they may have studied.

The regular examinations for entrance are held as follows: on the Saturday preceding Commencement, from nine, A. M., till one P. M.; on the Monday preceding Commencement, from eight A. M., till six P. M.; on the Tuesday preceding and the Thursday following Commencement, from eight, A. M., till one, P. M. It is particularly desired that candidates for admission present themselves within the above specified hours. Premiums are awarded for excellence in preparatory studies, in accordance with rules made known on a subsequent page.

COURSE OF INSTRUCTION.

FRESHMAN CLASS.

FIRST TERM.

Plane Geometry, ... *Davies's Legendre.*
Latin Prose, ... *Lincoln's Livy.*
Latin Grammar, reviewed.
Roman History, . . *Schmitz (Andover Edition.)*
Greek Prose, . . . *Xenophon's Historia Græca.*
Greek Grammar, reviewed.
Exercises in writing Greek, ... *Boise.*

SECOND TERM.

Solid Geometry, ... *Davies's Legendre.*
Latin Prose, ... *Lincoln's Livy.*
Roman History, ... *Schmitz.*
Exercises in writing Latin, ... *Arnold.*
Greek Prose, ... *Historia Græca.*
Exercises in writing Greek, ... *Boise.*

THIRD TERM.

Algebra, ... *Davies's Bourdon.*
Latin Prose, . *Cicero de Amicitia and de Senectute.*
Exercises in writing Latin.
Greek Prose, . . *Memorabilia, or Historia Græca.*
Exercises in writing Greek, ... *Boise.*
Grecian History, ... *Lectures.*

SOPHOMORE CLASS.

FIRST TERM.

Algebra completed, ... *Davies's Bourdon.*
Exercises in writing Latin, ... *Arnold.*
Greek Prose, . . . *Herodotus or Thucydides.*
Exercises in writing Greek.
French.

SECOND TERM.

Trigonometry, Plane and Spherical, . *Davies's Legendre.*
Exercises in writing Greek.
Latin Poetry, ... *Horace.*
Exercises in Latin Prosody.
Rhetoric, ... *Campbell and Lectures.*
French.

THIRD TERM.

Applications of Trigonometry to Mensuration of Heights and Distances, Surveying, Navigation, and Nautical Astronomy.
Latin, ... *Horace and Terence.*
Exercises in writing Latin, ... *Arnold.*
Rhetoric, ... *Campbell and Lectures.*
Greek Poetry, . . . *Euripides or Sophocles.*
French.
Analytical Geometry, ... *Davies.*

JUNIOR CLASS.

FIRST TERM.

Mechanics, ... *Smith.*
Animal Physiology, ... *Agassiz and Gould.*
Logic, ... *Whately.*
Latin, ... *Tyler's Tacitus.*
Exercises in writing Latin.

SECOND TERM.

Pneumatics and Hydrostatics, ... *Smith.*
Chemistry, ... *Johnston.*
Greek Poetry, ... *Homer.*
Exercises in writing Latin.
Calculus, (optional.)

THIRD TERM.

Optics, ... *Brewster.*
Applications of Chemistry, ... *Lectures.*
Vegetable Physiology, ... *Lectures.*
Modern History, ... *Smyth's Lectures.*
Latin Poetry, ... *Juvenal.*
Exercises in writing Latin.
Greek, ... *Homer or Æschylus.*

SENIOR CLASS.

FIRST TERM.

Intellectual Philosophy, *Lectures, and Upham's Text Book.*
Astronomy, ... *Norton.*
Modern History, ... *Smyth's Lectures.*
German or French.

SECOND TERM.

Moral Philosophy, . . . *Wayland's Elements.*
Evidences of the Christian Religion, . . *Lectures.*
Butler's Analogy.
American History, ... *Lectures.*
Whately's Rhetoric, or German.

THIRD TERM.

Political Economy, ... *Wayland.*
Geology, . . . *Lectures, and Lyell's Text Book.*
American Constitution, ... *Story.*

COURSES OF LECTURES

ARE DELIVERED ON THE FOLLOWING SUBJECTS:

FIRST TERM.

Intellectual Philosophy.
Greek and Roman Literature.
Animal Physiology.
Mechanical Philosophy.

SECOND TERM.

Greek and Roman Literature.
Chemistry.
Rhetoric.
Mechanical Philosophy.
Evidences of the Christian Religion.
American History.

THIRD TERM.

Greek and Roman Literature.
Optics.
Electricity and Magnetism.
Vegetable Physiology.
Rhetoric.
Geology.

It is required by the statutes of the University, that the above studies be pursued, and that the regular examinations in them be sustained, by every person who intends to become a candidate for the degree of Bachelor of Arts.

The Faculty are aware that these studies cannot be advantageously pursued, except by persons who have attained some degree of intellectual maturity. Such, however, they think must be the case with any course of discipline, intended really to lay the broad foundations of a liberal education, or to prepare young men for the learned professions. It might also be suggested, that individuals whose youth may disable them from pursuing the above studies with success, would do wisely to delay the commencement of a collegiate education to a somewhat later period. The arrangements of such a seminary as this, pre-suppose in the pupil some power of self-government, and some decidedly formed feelings of social and moral responsibility. Until the character of a young man be thus far formed, he is too young to enter a public institution.

ENGLISH AND SCIENTIFIC COURSE.

There has been established in the University, in connection with the regular Collegiate Course, an English and Scientific Course, designed for the benefit of those who do not propose to enter either of the learned professions, but who desire to prepare themselves, by a thorough education, for some one of the more active employments of life. This Course embraces every department of English study pursued in the University, together with the several branches of Mathematical and Physical Science; and moreover, opens to the student all the advantages of the Library, the Cabinet of Natural History, and the Courses of Lectures on Chemistry, Natural Philosophy, Physics, Intellectual Philosophy, and the Evidences of Christianity. It is believed that such a Course will furnish to those who are preparing for Mercantile pursuits, or for the higher employments of Agriculture and Manufactures, the means of securing, at a moderate expense, an education specially adapted to their wants. The Course is arranged for a residence of either one or two years, according to the wish of the student. The Studies for the Course of one year, are —

FIRST TERM.

Plane Geometry, Animal Physiology, Modern History, Intellectual Philosophy, French, Lectures on Mechanics.

SECOND TERM.

Solid Geometry, Rhetoric, Chemistry, Moral Philosophy, French, Lectures on Mechanics.

THIRD TERM.

Rhetoric, Political Economy, Constitution of the United States, Surveying, Navigation, Mensuration of Heights and Distances, French, Lectures on Vegetable Physiology and Agriculture.

The Studies for the Course of two years, are —

FIRST YEAR.

FIRST TERM.

Plane Geometry, Algebra, Animal Physiology, French.

SECOND TERM.

Solid Geometry, Trigonometry, Chemistry, Rhetoric, French.

THIRD TERM.

Surveying, Navigation, Mensuration of Heights and Distances, Rhetoric, History, French, Lectures on the Applications of Chemistry, Vegetable Physiology.

SECOND YEAR.

FIRST TERM.

Mechanics, Astronomy, Intellectual Philosophy, Modern History, Logic.

SECOND TERM.

Mechanics, Moral Philosophy, Butler's Analogy, Rhetoric.

THIRD TERM.

Optics, Political Economy, Geology, Constitution of the United States, Lectures on Agriculture.

The above Courses, it will be seen, embrace a greater number of studies than can be advantageously pursued by the same individual, in the limited time allotted to them. The design is, to allow each student, aided by the advice of the Faculty, to select from the respective Courses such studies as shall be best fitted to prepare him for the particular pursuits in which he proposes to engage.

LIBRARIES.

The College Library is in Manning Hall, and at present contains upwards of 22,000 well-selected volumes. It is constantly increasing from the proceeds of a permanent fund established for this purpose. In addition to the College Library, the Libraries of the Philermenian and the United Brothers' Societies comprise together upwards of 6,000 volumes, making in all upwards of 28,000 volumes, accessible to all the students of the University.

CABINET.

The Cabinet, together with the apparatus of Chemistry and Natural Philosophy, is in Rhode-Island Hall, which is furnished with spacious Lecture Rooms for the accommodation of the departments of Mechanical and Physical Science. A collection of Specimens, for the purpose of illustration in Geology and Natural History, was commenced some years since, and furnishes valuable aid to the instruction in these sciences.

PREMIUMS.

In order to encourage deserving talent and to stimulate industry, the friends of the University, at different times, have made provision for the establishment of premiums, to be annually distributed to those students who attain to the highest excellence in the several departments of their collegiate course. About four hundred dollars are distributed in this manner every year.

The premiums which have been thus established are as follows:

I. THE JACKSON PREMIUMS.

FOUNDED BY THE REV. HENRY JACKSON.

By this foundation a premium of the value of twenty-five dollars is annually awarded to the author of the best dissertation in Intellectual Philosophy; the same to the author of the best dissertation in Moral Philosophy; and the same to the author of the best dissertation in Political Economy. The competition for these premiums is limited to the undergraduates of the Senior Class, and no competitor can receive more than one premium.

The subjects for these dissertations are as follows:—

1. Intellectual Philosophy: "An examination of Hume's Essay on Miracles."

2. Moral Philosophy: "The necessity of individual benevolence to the stability of civil society."

3. Political Economy: "The relations of common and of scientific education to the industrial progress of a nation."

II. UNIVERSITY PREMIUMS.

By the statutes of this foundation, it is enacted that the following premiums shall be annually offered to the undergraduates of the several classes respectively.

1. IN THE FRESHMAN CLASS.

A first and a second premium for the best Latin translations of the passage in Arnold's Later Roman Commonwealth, chap. viii., beginning page 218 (Am. edition), "The old enmity," &c., and ending with the words "unceasing enmity."

A first and a second premium for the best Greek translations of the 2d chapter of the 1st book of Cicero de Oratore.

A first and a second premium for excellence in Mathematics, to be determined by examination.

II. IN THE SOPHOMORE CLASS.

A first and a second premium for the best Latin Essays, "De causis belli Punici primi."

A first and a second premium for the best Greek translations of the pasage in the 2d chapter of Macaulay's History of England, on the character of Halifax, beginning, "Among the statesmen of that age," &c., and ending, "unsusceptible of religious impressions."

A premium for the best English dissertation on "Cicero at his Tusculan villa."

A first and a second premium for excellence in Mathematics, to be determined by examination.

III. IN THE JUNIOR CLASS.

A first and a second premium for the best scientific dissertations on "The Balance and the Microscope as instruments of discovery."

A first and a second premium for the best English dissertations on "The genius of John Bunyan."

A premium for the best Latin dissertation "De Hannibalis vita, ingenio et moribus."

A first and a second premium for excellence in Mechanical Philosophy, to be determined by examination.

IV. IN THE SENIOR CLASS.

A premium for the best scientific review of "Guyot's Lectures on Comparative Physical Geography."

A premium for the best Greek dissertation on "The Death of Epaminondas."

A premium for the best historical dissertation on "The character of Hume as an historian."

A premium for excellence in Astronomy, to be determined by examination.

The value of the first premiums in the Freshman and Sophomore Classes and of the premium in English Composition is fifteen dollars, and that of the second premiums ten dollars each. The value of the first premium in the Junior Class and of the premium for Latin or Greek composition is seventeen dollars, and of the second premiums fifteen dollars each. The value of the premiums in the Senior Class is twenty dollars each.

Whenever the premiums offered to a class shall not have been awarded, the residue will be conferred on such deserving students of the other classes as may be recommended for this distinction by the Examining Committee.

The dissertations entered for premiums must be presented to the President on or before the last Saturday of the third collegiate term, except those of the Senior Class, which must be presented on the day following their final examination.

III. THE PRESIDENT'S PREMIUMS.

The interest of one thousand dollars is annually appropriated in the President's Premiums. This class of premiums is awarded to those members of the Freshman Class who have attained the highest excellence in the studies preparatory to admission. They are fixed by the statutes as follows:

A premium of the value of fifteen dollars for the highest, and of ten dollars for the next to the highest attainment in the Greek language. The examination in Greek will be in the First Book of the Anabasis of Xenophon. A premium of fifteen dollars for the highest, and of ten dollars for the next to the highest attainment in the Latin language.

The names of the prize scholars are designated in the annual catalogue for the year in which they are awarded, together with the name of the teacher under whose instruction they have been prepared for College.

The examination for the President's premiums is held on the Saturday of Commencement week, at nine o'clock, A. M.

These premiums have this year been awarded as follows:

In Latin; the first premium to Daniel S. Andrus, instructed by Messrs. Lyon and Frieze of the University Grammar School. The second premium was awarded to Howard M. Jones, instructed by Mr. Albert Harkness, of the Providence High School.

In Greek; the first premium was awarded to Daniel S. Andrus, of the University Grammar School; the second to Samuel D. Cozzens, of the Providence High School.

PREMIUMS

AWARDED DURING THE YEAR 1848-9.

I. JACKSON PREMIUMS.

Moral Philosophy.—James B. Angell.

Intellectual Philosophy.—Rowland Hazard.

Political Economy.—William E. Tolman.

II. UNIVERSITY PREMIUMS.

SENIOR CLASS.

Physical Science.—1. James Tillinghast.

History.—1. Benjamin F. Thurston. 2. H. Lincoln Wayland.

Astronomy.—1. John M. Francis, Rowland Hazard.

Greek Composition. 1. James Tillinghast.

JUNIOR CLASS.

Phyiscal Science.—1. Edward L. Pierce.

English Composition.—1. Edward L. Pierce. 2. James O. Murray.

Mechanical Philosophy.—1. Alvah W. Godding. 2. Jesse H. Buck.

Latin Composition.—1. Edward L. Pierce.

SOPHOMORE CLASS.

Latin Composition.—1. Richard Metcalf.

Greek Composition.—1. Richard Metcalf.

English Composition.—1. Hamilton B. Staples. 2. James O. A. Clarke.

Mathematics.—1. Richard Metcalf.

FRESHMAN CLASS.

Latin Composition.—1. William H. Watson. 2. Samuel Brooks.

Greek Composition.—William H. Watson, Elijah Perry, and Joseph C. Wightman, equal premiums.

INFORMATION FOR PARENTS AND GUARDIANS.

I. REGULATIONS AND DISCIPLINE.

The *Regulations* of the institution are formed with the single design of promoting the intellectual and moral advancement of its members. They are made public, and may be known by every candidate before admission. If at any time a student becomes dissatisfied, he is at liberty immediately to withdraw, with every testimonial of scholarship and character to which he is entitled.

The *Discipline* of the institution is intended to be strictly parental. The officers desire to cultivate with their pupils habits of kind and familiar intercourse, and to influence them rather by an appeal to the better principles of the heart, than by severe or disgraceful punishment. If, however, the conduct of a student render it evident that he is not susceptible of such influence, he is immediately, and if possible, without disgrace, returned to his friends, in the hope that under other circumstances, he may yet form a character which will give promise of usefulness. Immoral or disorderly conduct, or habitual negligence in his attendance upon collegiate duties, is always considered a sufficient reason for directing a student to leave the institution. If any student, after having completed the studies of any year, shall, upon examination, be found incompetent to pursue the studies of the year succeeding, he is permitted,

without additional expense of tuition, to enter the class immediately below him, and thus enjoy a second opportunity of qualifying himself to proceed in the course.

An accurate account of the delinquencies of every student, and also of the degree of his attainment in conduct, scholarship, and attendance, is kept; a copy of which account, in connection with the regular term bill, is transmitted to every parent or guardian who may desire it.

The students generally occupy rooms in the College edifices, and board in Commons. Any student, however, at the request of his parents, is permitted either to board, or to board and lodge at any suitable private house in the city. It is desired that students residing in the city should lodge at home, that they may, as much as possible, be under the guardianship of their parents.

II. ANNUAL EXPENSES.

The board in Commons is charged at its net expense, and varies with the price of provisions. The price varies from $1.80 to $2.00 per week.

College Bills, including Tuition, Room Rent, Use of Library, and Incidental Expenses, about $21.00 per term, or $63.00 per annum, . . .	$63.00	$63.00
Board for 39 weeks, at from $1.80 to $2.00, . .	70.20	78.00
	$133.20	$141.00

III. PAYMENTS.

There are three terms of study in each year, and the expense of each is paid in advance. Students, unless from another College, entering the Freshman Class, pay five dollars as a fee for matriculation; Sophomore Class, eight dollars; Junior Class,

twelve dollars; Senior Class, fifteen dollars. No retrospective tuition is, however, demanded, and a candidate may enter, if qualified, at any period of the course previous to the last term of the Senior year.

IV. COMMENCEMENT AND VACATIONS.

Commencement is held on the first Wednesday in September. On the following Friday, the first term commences, and continues till December 13th —fourteen weeks — when it is succeeded by a vacation of three weeks. The second term commences January 4th, 1850, and continues till April 4th — thirteen weeks — when it is succeeded by a vacation of four weeks. The third term commences May 3d, and continues till July 25th — twelve weeks — when it is succeeded by a vacation till Commencement.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1850-51.

SECOND TERM.

PROVIDENCE:
1851.

A

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OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

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SECOND TERM.

PROVIDENCE:
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1851.

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UNDERGRADUATES

OF FOUR YEARS' STANDING.

NAMES.	RESIDENCE.	STUDIES.	ROOMS.
Ebenezer Treat Alling,	Orange, Conn.,	AST., GEOL., P. E.,	19 U. H.
Horatio Nelson Ballard,	Thompson, Conn.,	AST., GEOL., AN. CH.,	24 U. H.
Braynard W. Barrows,	Providence,	RHET., GEOL., M.P., P.E.,	Mrs. Barrows'.
Samuel P. Bates,	Mendon, Mass.,	AST., GEOL., M.P., P. E.,	24 H. C.
George H. H. Benedict,	Pawtucket,	AST., GEOL., M. P.,	8 H. C.
†Francis Wilder Bird,	Winsor, N. C.,	—— —— ——	
Emmons Paley Bond,	Hartford, Conn.,	AST. GEOL. M. P., GER.,	21 H. C.
†Joseph Bradford,	Newport,	—— —— ——	
John S. Brayton,	Fall River, Mass.,	AST., GEOL., M.P., C.EN.	5 H. C.
Charles F. Brownell,	Providence,	GEOL., M.P., RHET., P.E.	Dr. Brownell's.
David Joseph Buck,	Macon, Miss.,	AST., M.P., P.E.,	48 U. H.
James O. A. Clark,	Savannah, Ga.,	RHET., GEOL., M.P., P.E.,	Miss Easten's.
†Winthrop De Wolf,	Providence,	—— —— ——	
Lysander Dickerman,	Providence,	AST. GEOL., MP., PE., R'T.	Mr. Dickerman's
Thomas G. Dickson,	Corfu, Ionian Islands.	AST., GEOL., M.P., GER.	28 H. C.
Jeremiah Lewis Diman,	Bristol,	AST., GEOL., M.P., GER.,	40 U. H.
Simeon Borden Durfee,	Tiverton,	AST., GEOL., M.P., GER.,	26 U. H.
William Newell Fay,	Grafton, Conn.,	AST., GEOL., M.P., P.E.,	21 H. C.
Daniel Johnson Glazier,	Willington, Conn.,	RHET., GEOL., M.P., P.E.	23 H. C.

NAMES.	RESIDENCE.	STUDIES.	ROOMS.
Robert Pliny Hays,	Canandaigua, N Y.,	GER. C. EN.,	Miss. Easten's.
Edwin Hartwell Heard,	Wayland, Mass.,	RHET., GEOL., M.P., P.E.,	33 U. H,
George W. Jenckes,	Woonsocket,	AST., GEOL., M.P., A.CH.,	Mrs. Connelly's
James Brewer Jordan,	Forestville, N. C.,	M.P., P.E.,	43 U. H.
Alfred Lawton,	Newport,	AST., GEOL., M.P., RHET.	22 U. H.
Antoine Joseph Mauran,	Providence,	M.P. A. CHEMISTRY,	Dr. Mauran's.
Richard Metcalf,	Providence,	RHET., GEOL., M.P., P.E.,	Mr. Metcalf's.
William J. Morcock,	Beaufort, S. C.,	AST. GEOL., M.P.,	43 U. H.
†Henry W. Morse,	Taunton, Mass,	——— ——— ———	
Frederick Mott,	Montrose, Pa.,	AST., GEOL., M.P., RHET.,	10 H. C.
John Norris, Jr.,	Bristol,	AST., GEOL., M.P., P.E.,	Miss. Easten's.
Warren Randolph,	Piscataway, N. J.,	RHET., GEOL., M.P., AST.,	38 H. C.
James B. Simmons,	North East, N. Y.	AST., GEOL., M.P., P.E.,	9 H. C.
John Frank Slater,	Providence,	AST., GEOL., P.E.,	Mr. Slater's.
Hamilton B. Staples,	Mendon, Mass.,	RHET., GEOL., M.P., P.E.,	2 H. C.
Thomas Alex. Tefft,	Providence,	ITAL., P.E.,	Franklin House.
Uriah Thomas,	Norristown, Pa.,	AST., GEOL., M.P., A.CH.,	22 H. C.
Warren T. Webster,	Kingston, N. H.,	AST., GEOL., M.P., P.E.,	23 U. H.
Asa Messer Williams,	Taunton, Mass.,	AST., GEOL., M.P., GER.,	Miss. Easten's.

UNDERGRADUATES

OF THREE YEARS' STANDING.

NAMES.	RESIDENCE.	STUDIES.	ROOMS.
George A. Allen,	S. Attleboro' Mass.,	HIS., ITAL., OP., PHYS.	36 U. H.
Edward S. Atwood,	Taunton, Mass.,	HIS., ITAL., OP., PHYS.,	30 U. H.
Lucius W. Bancroft,	Worcester, Mass.,	HIS., GR., OP., PHYS.,	42 H. C.
Frederic O. Barstow,	Hanover, Mass.,	HIS.. GR., OP., PHYS.,	3 H. C.
Ebenezer W. Bloom,	Pleasant Val., N. Y.	HIS., GR., OP., PHYS.,	37 H. C.
George D. Boardman,	Worcester, Mass.,	HIS., GR., OP., PHYS.,	19 U. H.
Francis C. Bowman,	New York, N. Y.,	HIS., ITAL., OP., PHYS.,	7 H. C.
William N. Brooke,	Norfolk, Va.,	HIS., ITAL., OP., PHYS.,	11 H. C.
Samuel Brooks,	Roxbury, Mass.,	HIS., GR., OP., PHYS.,	42 H. C.
James Erastus Brown,	Thompson, Conn.,	GER., OP., PHYS.,	30 U. H.
William H. Dickinson,	Worcester, Mass.,	HIS., GR., OP., PHYS.,	41 U. H.
Alexander Farnum,	Waterford, Mass.,	HIS., ITAL., OP., PHYS.,	42 U. H.
Miles J. Fletcher,	Indianapolis, Ia..	HIS., OP., PHYS.,	58 U. H.
Darius F. Ford,	Alfred, N. Y.,	GR., OP., PHYS.,	26 H. C.
Johnson A. Gardner,	Vue de l' Eau, Mass,	HIS., ITAL., OP., PHYS.,	Dr. Gardner's.
Nathan E. Goldthwait,	Uxbridge, Mass.,	A.M., HIS., OP., PHYS.,	56 U. H.
Charles J. Hartridge,	Savannah, Ga.,	HIS., ITAL., OP., PHYS.,	Scott Smith's
Benjamin W. Kinsman,	Newburyport, Mass,	HIS., ITAL., OP., PHYS.,	51 U. H.
Charles Dobyns Kirk,	Maysville, Ky.,	HIS., OP., PHYS.,	Mr. Weston's.
*Warren Ellis Lazell,	Worcester, Mass.,	——— ——— ———	

NAMES.	RESIDENCE.	STUDIES.	ROOMS.
Darwin E. Maxson,	Alfred, N. Y.,	AST., PHYS.,	10 H. C.
Nathan W. Moore.	Warren,	HIS., ITAL., OP., PHYS.,	34 H. C.
John Nelson Murdock,	Winchendon, Mass.,	HIS., ITAL., OP., PHYS.,	17 U. H.
Allen Ives Ormsbee,	Providence,	HIS., ITAL., OP., PHYS.,	Mr. Ormsbee's.
Charles H. Parkhurst,	Chelmsford, Mass.,	HIS., GR., OP., PHYS.,	33 U. H.
James H. Parsons,	Philadelphia, Pa.,	HIS., PHYS.,	32 H. C.
Elijah Perry,	Norwich, Conn.,	HIS., GR., OP., PHYS.,	25 H. C.
Charles B. Randall,	Somerset, Mass.,	HIS., GR., OP., PHYS.,	37 H. C.
*George Reed,	North East, N. Y.,	——— ——— ———	
Thomas F. Richardson,	Boston, Mass.,	HIS., GR., OP., PHYS.,	41 H. C.
Alfred Brown Satterlee,	Strykerville, N. Y.,	HIS., GR., OP., PHYS.,	36 H. C.
George W. Shaw,	Tremont, Ill.,	GER., OP., PHYS.,	54 U. H.
Henry F. Shepard,	Salem, Mass.,	ITAL., A.CH., PHYS.,	20 U. H.
†Charles A. Snow,	Providence,	——— ——— ———	
Charles E. Stephens,	Taunton, Mass.,	HIST., GR., OP., PHYS.,	31 U. H.
Grenville S. Stevens,	Rehoboth, Mass.,	HIS., ITAL., OP., PHYS.,	58 U. H.
†Melancthon Storrs,	Ashford, Conn.,	——— ——— ———	
George Blake Vose,	Pawtucket, Mass.,	A. MECH., ITAL., OP.,	Mr. Vose's.
Clarendon Waite,	Worcester, Mass.,	HIS., GR., OP., PHYS.,	37 U. H.
William Henry Watson,	Providence,	HIS., ITAL., OP., PHYS.,	Mr. Watson's.
William F. Webster,	Kingston, N. H.	HIS., ITAL., OP., PHYS.,	23 U. H.
Lucius A. Wheelock,	Boston, Mass.,	HIS., ITAL., OP., PHYS.,	Mrs. Connelly's.
‡Joseph C. Wightman,	Montville, Conn.,	——— ——— ———	6 U. H.
†Virgil M. Williams,	Taunton, Mass.,	——— ——— ———	
John York,	Ionian Islands,	HIS., GEOL., EV.CHRIS.,	8 H. C.

UNDERGRADUATES

OF TWO YEARS' STANDING.

NAMES	RESIDENCE.	STUDIES.	ROOMS.
Justin Allen,	Hamilton, Mass.,	A.G., LAT., GR.,	53 U. H.
†Frederic Bates,	Pawtucket, Mass.,	——— ——— ———	
Wm. A. Blodgett,	Somerville, Mass.,	HIS., P.E., FR.,	1 H.C.
Osborn Edward Bright,	Roxbury, Mass.,	LAT., GR.. FR.,	19 H. C,
Charles Parker Bruce,	Calcutta, India,	A.G., GR., FR.,	7 H. C.
Henry H. Burrington,	Hartford, N. Y.,	A.G. GR.,	20 H. C.
*Cornelius F. Campbell,	Roxbury, Mass.,	——— ——— ———	
Edward T. Caswell,	Providence,	A.G., LAT. FR.,	Dr. Caswell's.
‡Charles Chaffin,	Holden, Mass.,	A.G., LAT., FR.,	13 H. C.
Samuel D. Cozzens,	Providence,	LAT., GR., FR.,	B. Cozzen's.
George A. Crocker,	Taunton, Mass.,	LAT., GR., FR.,	Miss Easten's.
Benjamin F. Fish,	Providence,	A.G., LAT., FR..	Mrs. Fish's.
James Milton Foster,	Springfield, Mass.,	A.G., LAT., FR.,	52 U. H.
Elbridge Gale,	Bennington, Vt.,	A.G.,AST., GEOL.,PHYS.,	Mrs. Ellis's.
Lucullus Gillespie,	Norristown, Pa.,	A.G., GEOM., PHYS.,	16 U. H.
†George Sears Hatch,	Newbern, N. C.,	——— ——— ———	
Jared Mann Heard.	Wayland, Mass.,	A.G., LAT., GR.,	12 H. C.
George D. Henderson,	Portsmouth, N. H.,	LAT.,GR., FR.,	16 H. C.
Walter Hillman, Jr.,	Tisbury, Mass.,	A.G., LAT., FR.,	19 H. C.

NAMES.	RESIDENCE.	STUDIES.	ROOMS.
Howard M. Jones,	Providence,	A.G., LAT., GR., FR.,	36 U. H.
George F. Kilton,	Bristol,	A.G., LAT., GR., FR.,	Mr. Rockwood's.
William H. Kingsbury,	Tamworth, N. H.,	A G., LAT., GR., FR.,	29 H. C.
†Edward P. Lawton,	Robertsville, S. C.,	—— —— ——	
‡William Marchant,	Providence,	A.G., LAT., GR.,	Mr. Marchant's.
Eaton W. Maxcy, Jr.,	Providence,	LAT., GR., FR.,	Mr. Maxcy's.
Francis M. McAllister,	Savannah, Ga.,	A.G., LAT., GR.,	Mr. Arnold's.
Cutler C. McAllister,	Savannah, Ga.,	A.G., LAT., GR.,	Mr. Arnold's.
Charles H. Malcom,	Philadelphia, Pa.,	HIS., M.P., PHYS.,	Mrs. Weston's.
Enos Munger,	Attica, N. Y.,	A.G., LAT., GR.,	36 H. C.
William Stevens Perry,	Providence,	3GR., LAT., 2GR.,	Mr. Perry's.
Leonard Barnes Pratt,	Providence,	LAT., GR., FR.,	Judge Burgess's.
Alfred Porter Putnam,	N. Danvers, Mass.,	A.G., LAT.; RHET.,	Scott Smith's.
Benjamin Rush Rhees,	Williamsburgh, N Y.	LAT., GR., FR.,	12 H. C.
John Sanderson, Jr.,	Athens, N. Y.,	A.G., LAT., FR.,	16 H. C.
William M. Scott,	Norristown, Pa.,	LAT., GR., GER.,	16 U. H.
Simon Ray Sheffield,	New Shoreham,	HIS., LAT., PHYS.	13 H. C.
Lewis Everett Smith,	Lincoln, Mass.,	A.G., LAT., FR.,	29 H. C.
Charles Briggs Thomas,	Duxbury, Mass.,	HIS., AST., GEOL., FR.,	11 H. C.
John Turner,	Providence,	LAT., GR., FR.,	Mrs. Turner's.
William H. Walker,	W. Cambridge, Ms.,	A.G., LAT., GR.,	Mrs. Lawton's.
Marston Watson,	Newark, N. J.,	HIS., LAT., FR.,	Miss Easten's.
William B. Weeden,	Westerly,	A.G.; LAT., FR.,	23 H. C.
George Henry Woods,	Salem, Mass.,	A.G., LAT.; GR.,	Mr. Buffington's.

UNDERGRADUATES

OF ONE YEAR'S STANDING.

NAMES.	RESIDENCE.	STUDIES.	ROOMS.
Edwin Abbott,	Tiverton,	AN. CHEMISTRY,	Mr. Abbott's.
Henry A. Allen,	W. Brookfield, Ms.,	HIS., ALG., PHYS.;	Mrs. Wilcox's.
Daniel S. Andrus,	Elmira, N. Y.,	LAT., ALG., GR.,	Miss. Smith's.
Asa Arnold,	Providence,	ALG., FR.	Mrs. Arnold's.
Charles Bell,	Chester, N. H.,	ALG., GER., PHYS.,	52 U. H.
John Binney,	Boston, Mass.,	LAT., ALG., FR.,	Mr. Arnold's.
Charles H. Boyd,	Portland, Me.,	ALG.; FR.,	Mrs. Ellis'.
Benjamin Braman,	Norton, Mass.,	LAT., ALG., GR.,	31 H. C.
George B. Cargill,	Wrentham, Mass.,	LAT., ALG., GR.,	30 H. C.
Everett A. Carpenter,	Pawtucket, Mass.,	LAT., ALG., GR.;	35 H. C.
William B. Carpenter,	Pawtucket, Mass.,	LAT., ALG., GR.,	35 H. C.
Frank W. Cheney,	Manchester, Conn.,	LAT., ALG., FR.,	Miss. Esten's.
Charles F. Chessman,	Milford, Mass.,	LAT., ALG.; FR.,	24 U. H.
William W. Crandall,	Genesee, N. Y.,	A. CHEMISTRY,	26 H. C.
Augustus Cummings,	Portland, Me.,	LAT., ALG., GR.,	1 H. C.
Benjamin F. Davis,	Nashville, Tenn.,	LAT., GEO., GR.,	22 U. H.
Edward L. Davis,	Worcester, Mass.,	LAT., ALG., GR.;	44 U. H.
Alceus Ballou Day,	Providence,	LAT., ALG., GR.,	30 H. C.
Arthur Silbert Denny,	Leicester, Mass.,	LAT., ALG.; GR.;	44 U. H.
Amos Atwel De Witt,	Providence,	LAT., ALG., GR.,	Mr. Mancheter's.

NAMES.	RESIDENCE.	STUDIES.	ROOMS.
Arthur F. Dexter,	Providence,	LAT., GEO., FR.,	Mr. Dexter's,
John A. Duvillard,	Cape Vincent, N.Y.	A.G., ALG., PHYS.,	34 U. H.
Henry Ware Edes,	Kingston, Mass.,	LAT., ALG., FR.,	44 H. C.
Robert A. Fisher,	Providence,	AN. CHEMISTRY,	Mrs. Fisher's.
Hartman Furniss,	New York, N. Y.	A.G., C.EN.,	Miss Easten's.
Wm. Smith Granger,	Pittsford, Vt.,	LAT., ALG., PHYS.,	34 U. H.
Harris R. Greene,	N. Kingston,	LAT., ALG., GR.,	Mr. Green's.
William M. Grinnell,	New York, N. Y.,	HIS., ALG., FR.,	Scott Smith's.
Moses B. I. Goddard,	Providence,	A. CHEMISTRY.	Mrs. Goddard's.
James Pool Hall,	Albany, Ga.,	HIS., OP., FR.;	43 H. C.
‡George Harris,	Exeter,	ALG., FR.,	13 H. C.
Charles W. Hawley,	Milwaukie, Wis.,	AST., GEOL., PHYS.,	Scott Smith's.
‡James Herreshoff,	Bristol,	ALG., C.EN.,	Mr. Herreshoff's
Alexander S. Holley,	Salisbury, Conn.,	HIS., ALG., PHYS.,	9 H. C.
George Edwin Horr,	Boston, Mass.,	LAT., ALG., GR.,	41 H. C.
Thomas Poynton Ives,	Providence,	OP., PHYS.;	Mr. Ives's
Stephen Arnold Jenks,	Central Falls,	A.G., OP.,A.MECH.,	33 H. C.
Daniel Browning Jenks,	Pawtucket,	AST., ITAL., A.MECH.,	Mr. Jenks'.
Julius Earl Johnson,	Tolland, Conn.,	LAT., ALG., GR.,	15 H. C.
Samuel Long,	Hertford, N. C.,	M.PH., PHYS.	Mansion House.
George C. de Marini,	Rome, Italy,	AN. CHEMISTRY,	Mr. Greene's.
Ethelbert A. Marshall,	Philadelphia, Pa.,	LAT., ALG., GR.,	Mrs. Clark's.
Bartlett Mayhew, Jr.,	Tisbury, Mass.,	LAT., ALG., GR.,	15 H. C.
Charles C. Morgan,	Nashua, N. H.,	HIS., ALG., P.E.,	Mr. Draper's.
Isaac Morse Murdock,	Winchendon, Mass.,	LAT., ALG., FR.,	44 H. C.
Amos Noyes,	Newburyport, Ms.,	GER.,	51 U.H.
William A. Numan,	Troy, N. Y.,	LAT. ALG., GR.,	Scott Smith's.
James N. Olney, Jr.,	Brooklyn, N. Y.,	ALG., FR.,	Miss Easten's.
Charles Parsons,	Kennebunk, Me.,	LAT., OP.;	Dr. Parsons's
James Russell Parsons,	Hoosic Falls, N.Y.,	A.G., A.MECH., FR.,	25 H. C.
Nath. C. Peckham,	Kingston,	A.G., ALG., PHYS.,	49 U. H.
Samuel Austin Read,	Worcester, Mass.,	LAT., ALG., GR.,	50 U. H.
Andrew Read,	Warren,	HIS.,AST.,GEOL.,PHYS.,	14 H. C..
Joshua H. Rathbone,	Providence,	ALG., GER., PHYS.,	Mr. Rathbone's.

NAMES.	RESIDENCE.	STUDIES.	ROOMS.
Nath. P. Richmond,	Indianapolis, Ia.,	LAT., ALG., GR.,	45 U. H.
Albert B. Rogers,	Providence,	A.G., ALG.,	Mr. Roger's.
John Henry Rogers,	Providence,	LAT., ALG., GR.,	Mr. H. Roger's.
Horatio Nelson Slater,	Providence,	LAT., ALG., GR.,	Mr. H.N. Slater's.
Edward Padelford Taft,	Providence,	LAT., ALG., GR.,	Mr. O. Taft's.
George E. Thurston,	Providence,	A. CHEMISTRY.	Mr. Thurston's.
Charles M. Temple,	Rutland, Mass.,	HIS., M.P,, PHYS.	31 H. C.
Thomas H. Tucker,	Worcester, Mass.,	LAT.; ALG. GR.,	50 U. H.
George P. Upton,	Roxbury, Mass.,	LAT., ALG., GR.,	45 U. H.
Albert Greene Utley,	Providence,	LAT., ALG., GR.,	Dr. Utley's.
Thomas Vernon,	Newport,	LAT., ALG., GR.,	Miss. Easten's.
‡Benjamin C. Vickery,	Taunton, Mass.,	LAT., ALG., GR.,	Mr. Lyon's.
Charles E. Wilbour,	Little Compton,	LAT., ALG., PHYS.,	Mr. Shaw's.
Henry Westcott,	Warwick,	ALG., C.ENG.,	Mr.H. Westcott's
Simon B. Wetherell,	Taunton, Mass.,	M.PH.,AST.GEOL. PHYS.,	20 H. C.

RECAPITULATION OF STUDIES ATTENDED.

Moral Philosophy,	34
Analytical Geometry,	30
Algebra,	49
Physiology,	56
Geology,	35
History,	45
Political Economy,	19
Rhetoric,	12
Latin,	68
German,	12
French,	35
Italian,	19
Astronomy,	64
Optics,	38
Civil Engineering, including Analytical Mechanics,	9
Analytical Chemistry,	12
Greek Language,	57

ABBREVIATIONS.

PHYS.	Physiology.	LAT.	Latin Language.
GEO.	Geology.	FR.	French Language.
ALG.	Algebra.	ITAL.	Italian Language.
A. G.	Analytical Geometry.	GER.	German Language.
A. M.	Analytical Mechanics.	GR.	Greek Language.
AST.	Astronomy.	M. P.	Moral Philosophy.
OP.	Optics.	A. CH.	Analytical Chemistry.
C. EN.	Civil Engineering.	U. H.	University Hall.
HIS.	History.	H. C.	Hope College.
P. E.	Political Economy.	†	Dismissed by his request.
RHET.	Rhetoric.	‡	Absent by permission.

* For Deceased.

SUMMARY.

Undergraduates of Four Years Standing,	38
" " Three " "	45
" " Two " "	43
" " One " "	69
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Students from Rhode Island,	57
" " Massachusetts,	65
" " New York,	20
" " Connecticut,	11
" " Pennsylvania,	7
" " New Hampshire,	5
" " Georgia,	5
" " North Carolina,	4
" " Maine,	3
" " New Jersey,	2
" " Indiana,	2
" " South Carolina,	2
" " Vermont,	2
" " Ionian Islands,	2
" " Virginia,	1
" " Kentucky,	1
" " Illinois,	1
" " Mississippi,	1
" " Wisconsin,	1
" " India,	1
" " Tennessee,	1
" " Rome, Italy,	1
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SECTION I.

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ORGANIZATION OF THE UNIVERSITY.

THE Laws of the University direct that the Courses of Study shall be so arranged as to accomplish, as far as possible, the following objects:

"1. To enable a student to pursue to the best advantage, any single course which he may choose.

2. To enable a student to pursue for a single term, a single year, or any other portion of time, such studies as he may believe to be for his advantage.

3. To allow students, who are candidates for degrees, to pursue the studies necessary for a degree in a longer or shorter time, as their age, ability, or pecuniary circumstances may render convenient to themselves; the Faculty, however, having the right to direct the studies of such students in such manner as may prevent idleness on the one hand, or superficial haste on the other."—*Laws, Sec.* 2.

The various classes are organized in conformity with the above enactments. Hence, students may be admitted either as candidates, or not as candidates, for a degree. Those who are not candidates for a degree, are at liberty to pursue

the studies of such classes as they may select; unless, however, special permission be granted to the contrary, they are subjected to the same examinations, and are, equally with other students, amenable to all the laws of the University. Students, not candidates for a degree, are examined for entrance, only in so far as to ascertain their ability to pursue the studies of the class or classes which they propose to enter.

The degrees conferred upon students of this University are three: Bachelor of Philosophy, Bachelor of Arts, and Master of Arts. The student or his parents select the degree for which he proposes to become a candidate.

No student shall be admitted a candidate for the degree of Bachelor or Master of Arts, unless he sustain his examinations satisfactorily in Arithmetic, Ancient and Modern Geography, English Grammar, and the use of the English Language, and in the Latin and Greek Languages. He shall be able to translate and analyze grammatically the Greek Reader, or an equivalent portion of some classical Greek author; the Æneid of Virgil, Cæsar's Commentaries, and six orations of Cicero, or an equivalent amount of Latin, and be able to translate English into Latin and Greek. The object of the examination shall be to ascertain whether the student be well grounded in the ordinary branches of an English Education, and also, whether he be able to advance beyond the study of grammatical analysis, and direct his attention to the sentiments and course of thought of a classical author, and acquire a knowledge of the general principles of interpretation.

Candidates for the degree of Bachelor of Philosophy, shall be examined in a similar manner in all the above studies, with the exception of the Ancient Languages, and Ancient Geography.

A student, who is a candidate for a degree, entering upon advanced standing, shall be examined in all the studies which students of the same standing have previously pursued.

It is the intention of the Corporation that the examinations for entrance be definite and thorough. The prescribed attainments in Arithmetic, English Grammar and Geography, will be strictly required.

"No student shall be admitted as a candidate for matriculation unless he bring suitable testimonials of good moral character; and, if he comes from another college or an academy, he must also present a certificate of regular dismission and of good standing in the institution which he has left.

The earliest age at which, in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

The form of matriculation is as follows:—A student who wishes to become a member of the University, must first present his testimonials to the President, who if satisfied with his evidences of good character, will admit him as a candidate to be examined for admission. If his examination be satisfactory, the student shall procure and read a copy of the Laws of the University, after which, he shall call again upon the President and sign a declaration of his deliberate intention to obey all the laws of the University so long as he shall remain a member of it. The President shall then give him a certificate of matriculation, which will entitle him to purchase his tickets, and proceed with the studies of his class.

As soon as a student is matriculated, (if he be a minor,) the President shall send by mail to his parent or guardian, a copy of the laws of the University."

SECTION II.

OF DEGREES.

I. *The Degree of Bachelor of Arts* is designed for those who desire to prepare for professional life, but from unavoidable circumstances are unable to pursue a full course of liberal education. In order to be admitted to this degree, the student must have attained the required degree of proficiency in either of the following classes of studies, and have sustained the examinations required by the Faculty :

1st. Ancient Languages for two years,

Mathematics for two years,

English Literature and two other courses of one year each ; or

2d. One Ancient Language for two years,

Two Modern Languages,

Mathematics for two years,

English Literature and two other courses of one year each ; or

2d. One Ancient Language for one year,

Mathematics for one year,

One Modern Language,

English Literature and four other courses of one year each.

"II. *The Degree of Bachelor in Philosophy* is designed for those students who are intended for the pursuits of active life. It is the wish of the Corporation to make the requirements for obtaining it, such as will confer a high degree of intellectual culture, without the necessity of studying the Ancient Languages.

For the degree of Bachelor of Philosophy, the candidate, having been examined for admission in the manner above

indicated, must have obtained testimonials of proficiency in the following studies:

Two Modern Languages,

The Mathematics of two years,

English Literature, and three other courses of one year each.

Natural Philosophy may in this degree be substituted for the Mathematics of the second year.

A student who attends for two years the course of Science applied to the Arts, or Chemistry applied to the Arts, or of Agriculture, and in either of them obtains testimonials of proficiency, may be a candidate for the degree of Bachelor of Philosophy, by obtaining the testimonial of proficiency in one Modern Language, the course of English Literature, and three other courses of one year each.

The candidates for these degrees will then be examined in three of the studies in which they have been proficients. The studies in which the examinations will be held, will be made known to the University at the beginning of the term immmediately preceeding the Commencement.

III. *The Degree of Master of Arts* is intended for those students who desire to pursue a full course of liberal education. In order to become a candidate for this degree, the student must have obtained certificates of proficiency in the following courses of instruction:

In the Ancient Languages for two years,

One Modern Language for one year,

The Mathematics of two years,

Natural Philosophy,

Rhetoric, and English Literature,

Chemistry and Physiology,

History and Political Economy,

Intellectual and Moral Philosophy.

He must also be examined in the Ancient Languages, in Natural Philosophy, and in three other studies of the course,

to be selected by the Faculty; and he shall not be entitled to a degree unless his answers attain to 25 per cent. of the maximum established by the Faculty. The examination in the Ancient Languages shall include one author in Latin and one in Greek, which has not been read by the class in the regular course of instruction.

The candidate for this degree may be allowed to substitute a third year in an Ancient Language for a second in Mathematics, or a third year in Mathematics for a second in an Ancient Language; or to substitute one Modern Language for a year in an Ancient Language, or for a year in Mathematics.

It is the design of the Corporation to require for the dregee of Bachelor of Arts and of Philosophy, an amount of study which *may* be accomplished in three years, but which may if he pleases occupy the student profitably for four years; and to require for the degree of Master of Arts an amount of study which *may* be accomplished in four years, but which, if generously pursued, may occupy the student with advantage a considerably longer time. And the Faculty have the power to direct in all cases the discontinuance of a third study, or the addition of a third to two already pursued, if such diminution or addition of labor will, in their opinion, be for the advantage of the student. Whenever a study is thus postponed, the ticket which the student has purchased shall be available for the same course at any subsequent time without additional charge."

From the above extracts from the Laws it will be seen, that any person wishing to pursue his studies at this University, may determine for himself whether he will or will not become a candidate for a degree, and he may, if his examinations in the required studies be satisfactory, select the degree for which he will become a candidate. Those who are not candidates for a degree will be subject to the same laws, and pass the same examinations as those who are candidates, and will be

entitled to certificates of standing and proficiency. Those who are candidates for a degree must pursue such of the courses as are required for that degree, and sustain satisfactorily all the examinations established by the laws.

The degree of Bachelor of Arts or that of Bachelor of Philosophy, does not entitle the graduate to the degree of Master of Arts in course. The latter degree is conferred on those only who have pursued the full course of instruction prescribed by the statutes of the University.

SECTION III.

THE COURSES OF STUDY PURSUED IN THE UNIVERSITY DURING THE PRESENT YEAR ARE THE FOLLOWING:

INTELLECTUAL AND MORAL PHILOSOPHY.

The study of Intellectual Philosophy commences with the opening of the collegiate year, and continues to the close of the first term. Lectures are delivered five times in each week, unless when one day in the week is occupied in review, and then four lectures are delivered. One hour and twenty minutes are allotted to each lecture; twenty minutes being devoted to examination on the lecture of the preceeding day. The books of reference used in this course are Locke on the Understanding, Reid's and Stewart's Works, Cousin's Psychology, Brown's Philosophy, and Abercrombie on the Intellectual Powers. Copies of the above works, in sufficient number for the use of the class, are placed in the Library. Essays on subjects previously assigned are presented weekly by the whole class, and criticised by the instructor.

The study of Moral Philosophy commences with the opening of the second term, and is pursued in a similar manner. In connection with the course on Moral Philosophy, a course of Lectures is delivered on the Evidences of Revelation.

MATHEMATICS AND PHYSICAL ASTRONOMY.

THE department of Mathematics and Physical Astronomy extends through three and a half years, and embraces the following subjects, viz:—

1. Plane and Solid Geometry.
2. Algebra.
3. Trigonometry, Plane and Spherical.
5. The Differential and Integral Calculus.
6. Analytical Mechanics.
7. Physical Astronomy.

The time given to each is nearly as follows, viz:—

FIRST YEAR.

FIRST TERM. — TEXT BOOKS.

Plane and Solid Geometry, - - *Davies' Legendre.*

SECOND TERM.

Algebra, including the Theory of Logarithms, *Bourdon.*

SECOND YEAR.

FRST TERM.

Plane and Spherical Trigonometry, with applications to practical problems, and the use of Logarithms, } *Davies' Legendre.*

Analytical Geometry, *Davies or Church.*

THIRD YEAR.

FIRST TERM.

The Differential and Integral Calculus, *Church.*

SECOND TERM.

Analytical Mechanics, *Smith or Courtenay's Boucharlat.*

FOURTH YEAR.

FIRST TERM.

Astronomy.

The object of the Mathematical course is twofold:

First, As a part of general education, to exercise the student in the process of exact reasoning, and thus secure to the mind a thorough logical discipline; and

Secondly, As a part of special education, to prepare him for original mathematical investigations, and for the varied applications of mathematical and mechanical Science, to practical purposes.

The studies in this department will generally be prosecuted in connexion with text-books. In addition, however, to the recitations and the discussions connected with them, lectures will occasionally be given upon the history and applications of the science. It will be the constant aim of the instructor to awaken in the pupil a generous love of science, and incite him to vigorous and persevering efforts in the pursuit of it; and by frequent reviews, by the daily analysis of demonstrations, and the solution of problems original and selected, to aid him, as far as possible, in securing, not only an accurate and full knowledge of every subject of inquiry, but also a ready and skillful use of that knowledge.

It is proper to remark that any person who intends entering upon the foregoing Mathematical course, should bring with him to the University a thorough knowledge of Arithmetic and the Elements of Algebra, including Simple Equations.

CHEMISTRY AND PHYSIOLOGY.

The course of instruction in this department extends through one year. The first term is occupied with Chemistry proper, Heat, Electricity, Galvanism and Magnetism. These sciences are taught exclusively by lecture. A portion of time is spent each day in examination on the lecture of the preceding day; and themes are assigned weekly, requiring of the

student, either an elucidation of the more important doctrines included in these sciences, or their application to an explanation of the phenomena of nature, or the processes of art. Besides this elementary course in Chemistry, provision is made for a more advanced class of students who may desire to pursue the science into its higher principles as well as its more extended details. The students belonging to this class have constant access to the laboratory where an opportunity is afforded them, not only of witnessing the preparations for the daily lectures, but of conducting under the eye of the Professor such other processes as may serve to make them further acquainted with the laws of chemical reaction. The works of Johnston, Kane and Graham, are used by these classes as books of reference.

The second Term is occupied with animal and vegetable Physiology, including the classifications of Plants and Animals as well as the description of their structures and functions. In that part of the course relating to the Anatomy and Physiology of man, particular reference is had to the laws of health and regimen. As during the preceding term, daily examinations are had in connection with the lectures, and also weekly exercises in themes. Provision is also made throughout this term for a more advanced class of students who may desire to pursue the science by the aid of the knife and the microscope. There is also delivered during this term a course of lectures on Geology. These lectures are accompanied by cabinet and field illustrations.

RHETORIC AND ENGLISH LITERATURE.

The instruction in this department is confined to the third year of the regular course. It will be given partly by lectures and partly by text-books. The objects aimed at in this course, are to enable the pupil to write and speak his own

language with correctness and elegance, and to cultivate in him a literary taste, while he acquires a knowledge of the English language and its literature. The student attending this course is required to have already made himself acquainted with the ordinary rules and principles of English Grammar. He will be subjected to a rigid examination in these principles on his admission to college. For this examination, the "Analysis of the English Language" by S. S. Greene, is the text-book preferred.

The subjects embraced in this course of study during the first term are, the formation and combination of sentences, the nature and use of Figurative Language, the qualities of Style, he composition of Essays, and the science of Logic. In addition to the regular exercises in Composition and Declamation required of all students who attend this course, the pupil will be expected to present in writing such examples in illustration of these subjects, as the Professor of Rhetoric may call for, that the knowledge acquired may be rendered available for practical purposes. The text-books used in this part of the course, are Campbell's Philosophy of Rhetoric, and Whately's Rhetoric and Logic.

The studies of the second term will commence with the higher branches of Rhetoric and Criticism, and the formation of Discourses. The text-book used is Whately's Rhetoric. The principal portion of the instruction in this part of the course is given by lectures. These subjects will be followed by lectures on the History of the English Language and its Literature.

Their progress and development will be traced from the time of the Anglo-Saxon, Anglo-Norman, and the early English authors, through the successive periods of Chaucer and Wickliffe, Spenser, Shakespeare, the Commonwealth, and the reigns of the subsequent Kings of England, down to the present time. This course will embrace biographical sketches of the principal authors, together with criticisms of their

writings. It will close with an examination of the different elements which enter into the formation of the English tongue, and of the influence which they have exerted upon its character and development. In order to secure a more thorough acquaintance with the subject, the students will be expected to present written answers to such questions upon the leading topics, as the Professor of Rhetoric may offer. All students who are candidates for either of the degrees are required to attend this course.

HISTORY AND POLITICAL ECONOMY.

These branches of Education are now arranged in a department by themselves, and the instruction in them extends through one year. Classes in this department will hereafter be formed at the beginning of each collegiate year, which may be attended by candidates for either of the degrees, and by any other students who shall desire to pursue these courses of instruction.

The course in History commences with the fall of the Roman Empire, and embraces a general survey of the organization of European Society, and its progress in Mediæval and Modern times. It is designed to illustrate the origin and growth of Modern civilization in the principal nations of Europe; the origin and the leading features of the English Constitution and the extension of the English race; the Colonial and Revolutionary history of the United States, together with the theory of the American Government, the history of its formation and the outlines of its successive administrations. A considerable portion of the instruction is given by lectures.—In addition to these, the following works are at present in use either as text-books or books of reference. Smyth's Lectures, Guizot's History of Civilization, Greene's History and Ge-

ography of the Middle Ages, Bayard and Story on the Constitution of the United States.

The course in Political Economy, is associated as closely as possible with the course in History. It is designed to explain the nature of national wealth, and the laws which regulate its production and accumulation, and the prosperity of nations, with illustrations from the history of the legislative enactments and ecomonical arrangements which have prevailed in different ages and different countries. In all which reference will be constantly made to the industrial progress and interests of our own people.

LATIN LANGUAGE AND LITERATURE.

The regular course of instruction in this department extends through two years. In each year there are sometimes six, and never less than five, exercises a week.

The course is as follows:

I. In the first year: 1. During the First Term, Livy (Lincoln's Selections), Arnold's Latin Prose Composition commenced, and Roman History. In History, the text-book is Pütz' Manual of Ancient Geography and History, accompanied by the reading of Schmitz's History of Rome, (Andover edition). Niebuhr's History of Rome, Niebuhr's Lectures on Roman History, Arnold's History of Rome, and Arnold's Later Roman Commonwealth, and Findlay's Ancient Atlas, are recommended to the student. 2. During the second term, Cicero de Senectute and de Amicitia, and Cicero's Brutus, or the Andria of Terence; Arnold's Latin Prose Composition completed.

II. In the second year: 1. First Term, The Odes, Satires, and Epistles of Horace, (Lincoln's edition). 2. The Germania and the Agricola of Tacitus, (Tyler's edition,) and Juvenal.

A third class in Latin may be formed for such as desire it.

The course is not restricted to the above authors, but may be varied in different years.

Throughout each year, the students present, on alternate weeks, exercises in Latin Composition (independent of Arnold's text-book), and English exercises, consisting either of translations from the Latin, or of Essays on subjects connected with their Latin reading. These exercises are examined and corrected, and then returned, with explanatory remarks to the class.

The Latin Grammar used is Andrews' and Stoddard's. Zumpt's is recommended as a work for reference. Other books recommended, are Riddle and Arnold's English-Latin Lexicon, Smith's Dictionary of Antiquities (the 2d edition, English, is the best,) and Becker's Gallus.

The objects aimed at in the instruction are chiefly these: to enable the student, by thorough grammatical and exegetical study to read and write Latin with facility, and to pursue by himself, with pleasure and profit, the reading of such Latin books as may be recommended by the instructor: to cultivate, by a habit of faithful translation, his power of expression in his own language: and, by connecting the reading of classic Roman authors with continuous historical and literary illustration, to make the study of Latin an important means of increasing his knowledge and his mental culture.

MODERN LANGUAGES.

FRENCH.

FIRST TERM.

First Class. Greene's Primary Lessons, (second edition,) Grammar, with written exercises, and exercises on the black

board, and *viva voce* in translating from French into English and English into French.

Bossuet—Discours sur l'Histoire Universelle.

SECOND TERM.

Grammar continued with oral and written exercises.

Collot—First part of the Dramatic Reader.

ADVANCED CLASS—French Syntax, with oral and written exercises.

Bossuet—Oraison funèbre de Louis de Bourbon.

Boileau—The Lutrin, or Art Poëtique.

Collot—Second part of the Dramatic Reader.

The advanced class will receive lectures once a fortnight on the history of the French language and literature.

GERMAN.

FIRST TERM.

Ollendorff—With oral and written exercises.

Adler's German Reader.

SECOND TERM.

Ollendorff—Continued with oral and written exercises.

Götz von Berlichingen, (Göthe,) and *Don Carlos* (Schiller.)

Lectures on the history of the German language and literature.

ITALIAN.

Grammar with written and oral exercises.

Foresti's Italian Reader.

Tasso's Jerusalem Delivered.

Dante's Inferno.

Lectures on the history of the Italian Language and Literature.

SPANISH.

Ollendorff.

Velasquez Reader.

Lopez y Calderon—Comedias escogidas.

The course in each language is intended to be critical, grounding the student thoroughly in grammatical principles, and accustoming him to the same rigorous analysis which is applied to the Latin and Greek, while at the same time he is prepared for writing and speaking by the constant use of oral and written exercises. The authors read are studied as specimens of national literature, and made the subject of special lectures.

NATURAL PHILOSOPHY.

The course of Natural Philosophy occupies one year, and comprises Mechanics, Hydrostatics, Pneumatics, Optics, Acoustics, and Astronomy.

The instruction is by illustrated and experimental lectures, accompanied by daily examinations on previous lectures, and exercises in application of the principles taught. A text-book is used in connection with the notes taken of the lectures, to aid in the preparation for the recitation. The student is also directed to such other works as may assist him in obtaining a more extended knowledge of the subjects discussed.

The following are the text-books used:

Olmstead's Natural Philosophy; Jackson's Optics; Pierce's Treatise on Sound; Norton's Astronomy.

CIVIL ENGINEERING.

The full course of Civil Engineering will occupy about a year and a half. It embraces the following studies and exercises.

Descriptive Geometry—Shades and Shadows—Linear Perspective — Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and

practice of Mill-Work, and the measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction, in all its branches, and to the nature and preparation of the materials used.

Drawing.—Geometrical and Perspective—Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying, with Compass, Theodolite, &c.; Levelling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz: Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections; which make up the two years' course of Mathematics taught in the University.

Without this amount of preparation persons may be admitted to any portion of the above mentioned course which they are able to pursue to advantage.

GREEK LANGUAGE AND LITERATURE.

The course of instruction in the Greek Language and Literature will comprehend a period of two years, during which time there will never be less than five, sometimes six Lectures a week. The advance of the student, in the critical analysis of the language, and the thorough acquaintance with those portions of the literature which shall come within the range of his studies, is designed to be gradual, opening, at each step,

into a new field of thought and inquiry. The text-books have been selected with this object in view.

In the First Term of the First Year, Xenophon's Memorabilia of Socrates is read; Arnold's Greek Prose Composition is commenced, and written translations from Greek into English and from English into Greek, with constant grammatical exercises, are required.

In the Second Term of the First Year, Homer's Odyssey is read, with the analysis of hexameter verse; Arnold's Greek Prose Composition is completed, and written translations, with the grammatical exercises, are continued.

In the First Term of the Second Year, Thucydides is read with recitations and lectures on Grecian History, and exercises in Greek Prose Composition, (*Boise.*)

In the Second Term of the Second Year, Sophocles or Æschylus is read, with the analysis of the various kinds of Greek verse; and lectures on the drama are delivered.

For those who desire to pursue the Greek, further voluntary classes will be formed in Aristophanes, Demosthenes or Plato, or other portions of Greek Literature.

As books of reference the department would recommend in Etymology, the works of Buttmann; in Syntax, Kuhner or Matthiae; on the Particles and Idioms of the Language, Viger and Hoogeveen; on Metres, the analysis of Tate, and the more extensive work of Hermann; in Lexicography, Liddell and Scott.

It is designed by this course that the student shall gain such habits of close grammatical analysis, and acquire such knowledge of the formation and structure of the language as shall enable him to pursue the Greek language with pleasure and profit when he shall have left the walls of the College.

CHEMISTRY APPLIED TO THE ARTS.

The Laboratory for instruction in this department was opened at the commencement of the Second Term of the current collegiate year.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of Chemstry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processess and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week, excepting Saturday, from 9 A. M., until 5 P. M. On Saturday during the forenoon only.

LECTURES.

A course of lectures will be given during the winter term on the application of Chemistry to the Arts, in which the more important processes will be explained; a sketch given of their history and progress, and the class informed of such improvements as may have come to the knowledge of the scientific world.

Without proposing to make this course in any sense a substitute for the more complete and thorough method of experi-

mental study, it is believed that it may be made worthy the attention of those, who being interested in the application of Chemistry, have not the leisure for the pursuits of the Laboratory.

EXPENSES.

All the apparatus required will be furnished the student and charged to his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alcohol, Gas and all other materials required, use of apparatus, fuel and other current expenses, per term, ...	$55,00
Fee for Instruction, ...	30,00
Total, ...	$85,00

A reasonable deduction is made in the case of the students who devote only a portion of their time to this department.

SECTION IV.

LIBRARIES.

The College Library is in Manning Hall; and at present contains upwards of 24,000 well-selected volumes. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open 4 hours daily, from 10 A. M., till 2 P. M. In addition to the College Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise together nearly 7,000 volumes, accessible to all the students of the University.

OF PREMIUMS.

The sum of about four hundred and twenty dollars is annually awarded in premiums to undergraduates, who have attained to distinguished excellence in the various departments of study.

The University Premiums are derived from a legacy of the late Hon. Nicholas Brown. The statutes by which the award of them is governed, are the following:—

1. The competition for the University Premiums is open only to those students who are candidates for some one of the degrees conferred by the University.

2. No student shall be a competitor for a premium whose average standing for the year is below 15; the maximum of standing being 20.

3. No student shall be a competior for more than one premium, whose average standing for the year is below 18.

4. The following premiums are offered for the present year:

A first premium of fifteen dollars, and a second premium of ten dollars, to the first, and to the second class in Greek, to the first and the second class in Latin, to the first and the second class in Mathematics, and to the first class in French.

A first premium of seventeen dollars, and a second premium of fifteen dollars, to the class in English Literature, to the class in Natural Philosophy, and to the class in Physical Science.

A first premium of twenty dollars, and a second of seventeen dollars to the class in History, and to the class in Intellectual and Moral Philosophy.

The papers of the undergraduates, who are candidates for degrees at the close of the present collegiate year, must be presented to the President four weeks, and those of the other undergraduates, three weeks before Commencement.

The problems in Natural Philosophy and Mathematics, will be presented to competitors at the the examination for premiums in those departments.

The themes for University Premiums for the present year are the following:—

For the first class in Greek;

A Greek translation of the tenth chapter of the first book of Livy.

For the second class in Greek ;

A Greek translation of the passage in the 49th chapter of Hume's History of England, on the character of James I, beginning "No Prince," &c., and ending "extremely fallacious."

For the third class in Greek ;

A Greek Dissertation on the death of Pausanius.

Examiners, Professor H. H. PERRY,
MERRICK LYON,
JAMES TILLINGHAST.

For the first class in Latin ;

The description of Rome in Milton's Paradise Regained, Book IV., lines forty-four to eighty-nine, to be translated into Latin Hexameters.

For the second class in Latin ;

Describantur, secundum Librum sextum Æneidis, Tartarus et Elysium, sive sedes sceleratorum et piorum.

For the third class in Latin ;

De Druidum auctoritate, sacris et disciplina.

Examiners, Professor J. L. LINCOLN,
H. S. FRIEZE,
ALBERT HARKNESS.

For the first class in French ;

A Dialogue in French between Napoleon and Julius Cæsar.

Examiners, Professor G. W. GREENE,
T. P. SHEPARD, M. D.
WILLIAM GODDARD.

For the class in English Literature ;

The Allegorical writings of Dr. Johnson.

Examiners, Professor W. GAMMELL,
His Exc. H. B. ANTHONY,
ABRAHAM PAYNE.

For the class in Physical Science;

The influence of variation of temperature upon the terrestrial phenomena.

Examiners, Professor G. I. Chace,
Professor, J. A. Porter,
C. W. Parsons, M. D.

For the class in History;

The extension of the Papal Power by Pope Gregory VII.

Examiners, Professor W. Gammell,
Charles S. Bradley,
S. G. Arnold.

For the class in Intellectual and Moral Philosophy;

The objective and subjective; the influence of each upon the character of the poet and the philosopher.

Examiners, President Wayland,
J. Kingsbury,
Nathan Bishop.

The Examiners for Premiums in Mathematics, are;
Professor A. Caswell,
Moses B. Lockwood,
Caleb Farnum.

The Examiners for the Premiums in Natural Philosophy, are; Professor W. A. Norton,
Z. Allen,
George L. Collins, M. D.

The Examiners for Premiums are also the Committees of examination during the year, in their respective departments.

THE PRESIDENT'S PREMIUMS.

These Premiums are awarded to those students entering as candidates for the degree of A. B. or A. M., who have attained the highest excellence in the studies preparatory to admission to the University.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Greek Language.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Latin Language.

The examination for the President's Premiums is held on the first Saturday of the first Collegiate term. The examiners are the Professor of Latin, the Professor of Greek, and Mr. James Tillinghast.

SECTION V.

DIRECTIONS FOR STUDENTS.

1. The terms of the University always commence on Friday. This and the following day, are occupied in making the necessary preliminary arrangements. Every student is expected within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he intends to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

4. In case of absence, a student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

5. Should this be impossible, he is required to prèsent his excuse immediately after the absence has occurred.

6. At 12 o'clock M., of every day, all absences which have occurred during the previous 24 hours, are reported to the President.

7. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency without excuse, in any literary exercise.

8. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student, of the fact; and when his demerits amount to 100, to dismiss him from the University.

9. After reports are entered on the books of the Register, no alterations can be made on account of negligence to present an excuse on the part of the student.

10. Candidates for admission are required to present to the President adequate certificates of unquestionable moral character.

EXAMINATIONS.

Every class is examined in the studies which it has pursued at the close of each term. These examinations are conducted in writing. Questions prepared by the committee of examination are presented to each student in the lecture room, and he is required within a specified time, to return his answers in writing. By the aggregate value of his answers, his standing by examination is determined. At the last examination, 407 examination papers were presented, amounting to 2,263 written pages.

MISCELLANEOUS.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5.

The fee for each course, exclusive of the special courses, is per term, $6.

The Special Courses are the private class of the Professor of Chemistry and Physiology; the class of Analytical Chemistry; the class of Civil Engineering, and the class in Agriculture, and of Chemistry applied to the Arts.

For the class in Civil Engineering, and of Chemistry applied to the Arts, per term, the fee is $30.

Rooms are furnished in the college buildings, if two students occupy the same room at $4,50 per term, or $9 per year.

If a student occupy a room alone, his rent is doubled.

Board is not furnished in College. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates :—

Board at from $1,75 to $2,25 per week.

Board and lodging with furnished rooms, in some cases washing or fuel included, $2,50 to $2,75 per week.

There are two terms in the collegiate year.

The first term commences on Friday the 5th of September, and continues twenty weeks.

The second term commences on Friday the 20th of February and continues twenty weeks.

Commencement is at the close of the second term, on the second Wednesday of July.

The first Exhibition occurs on the fourth Saturday of November; and the second on the fourth Saturday of May.

The regular examinations of all the classes are held during the last week of each term.

The examinations for admission to the University are held on Thursday, Friday and Saturday of Commencement week, and on Thursday, Friday and Saturday of the first week of each collegiate term.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

Brown University,

1851--52.

FIRST TERM.

PROVIDENCE:
A. C. GREENE, PRINTER.
1851.

A

CATALOGUE

OF THE

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BROWN UNIVERSITY,

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FIRST TERM:

PROVIDENCE:
A. C. GREENE, PRINTER.
1851.

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REV. ROBINSON P. DUNN, A. M.,

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SAMUEL S. GREENE, A. M.,

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---

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PROFESSOR OF THE THEORY AND PRACTICE OF AGRICULTURE.

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Horatio N. Ballard, A. B.,.....

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Lucius W. Bancroft,.....	Worcester, Mass.,.....	23 H. C. .....
Frederic O. Barstow,.....	Hanover, Mass.,.....	21 College street....
Ebenezer W. Bloom,.....	Pleasant Valley, N. Y.,..	37 H. C.....
George D. Boardman,....	Worcester, Mass.,.....	19 U. H. .....
Francis C. Bowman,.....	New York, N. Y.,.....	7 H. C.....
William N. Brooke,.....	Norfolk, Va., ...	11 H. C.....
Samuel Brooks,.....	Roxbury, Mass.,.....	42 H. C.....
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William H. Dickinson,...	Worcester, Mass.,.....	41 U. H.....
Alexander Farnum,.....	Waterford, Mass., ...	42 U. H. .....
Miles J. Fletcher,.....	Indianapolis, Ia.,.....	58 U. H. .....
Darius Ford,.....	Alfred, N. Y.,.....	26 H. C.....

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Charles B. Randall,	Somerset, Mass.,	22 H. C.
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Alfred Brown Satterlee,	Stuykerville, N. Y.,	38 H. C.
George W. Shaw,	Tremont, Ill.,	54 U. H.
Henry F. Shepard,	Salem, Mass.,	20 U. H.
Charles E. Stephens,	Taunton, Mass.,	31 U. H.
Grenville S. Stevens,	Rehoboth, Mass.,	43 U. H.
Clarendon Waite,	Worcester, Mass.,	37 U. H.
William Henry Watson,	Providence,	Mr. Watson's
William F. Webster,	Kingston, N. H.,	23 U. H.
Lucius A. Wheelock,	Boston, Mass.,	Mrs. Connelly's
Joseph C. Wightman,	Montville, Conn.,	21 H. C.

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OF THREE YEARS' STANDING.

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Osborn Edward Bright,	Roxbury, Mass.,	10 H. C.
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Edward T. Caswell,	Providence,	Dr. Caswell's,
Samuel D. Cozzens,	Providence,	B. Cozzens's.
†George A. Crocker,	Taunton, Mass.,	
Benjamin F. Fish,	Providence,	Mrs. Fish's.
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George F. Kilton,	Bristol,	Mr. Rockwood's
William H. Kingsbury,	Tamworth, N. H.,	29 H. C
Eaton W. Maxcy, Jr.,	Providence,	Mr. Maxcy's
D. E. Maxson,	Alfred, N. Y.,	Mrs. Clarke's
Francis M. McAllister,	Savannah, Ga.,	21 College street

NAMES.	RESIDENCE.	ROOMS.
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Enos Munger,	Attica, N. Y.,	24 H. C
James H. Parsons,	Philadelphia, Pa.,	28 H. C
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Leonard Barnes Pratt,	Providence,	Judge Burgess's
Alfred Porter Putnam,	N. Danvers, Mass.,	24 U. H.
John Sanderson, Jr.,	Athens, N. Y.,	54 U. H.
William M. Scott,	Norristown, Pa.,	16 U. H.
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George Blake Vose,	Pawtucket, Mass.,	Mrs. Vose's
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†Marston Watson,	Newark, N. J.,	
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George Henry Woods,	Salem, Mass.,	17 U. H.
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Asa Arnold,	Providence,	Mr. Arnold's
Charles Bell,	Chester, N. H.,	5 H. C.
Charles Bowers,	Lowell, Mass.,	14 Aborn street
Charles H. Boyd,	Portland, Me.,	36 H. C.
Benjamin Braman,	Norton, Mass.,	31 H. C.
De Witt Clinton Brown,	Dayton, Ohio,	49 U. H.
George B. Cargill,	Wrentham, Mass.,	14 H. C.
Chas. W. Burrage,	Leominster, Mass.,	Mrs. Ellis's
Everett A. Carpenter,	Pawtucket, Mass.,	35 H. C
William B. Carpenter,	Puwtucket, Mass.,	25 H. C.
Frank W. Cheney,	Manchester, Conn.,	21 College street
Charles F. Chessman,	Milford, Mass.,	12 H. C
Wm. B. Cochrane,	Methuen, Mass.,	51 Angell street
William W. Crandall,	Genesee, N. Y.,	26 H. C

NAMES.	RESIDENCE.	ROOMS.
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Edward L. Davis,	Worcester, Mass,	50 U. H.
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Amos Atwell De Witt,	Providence,	Mr. Manchester's
Arthur F. Dexter,	Providence,	Mr. Dexter's
John A. Duvillard,	Cape Vincent, N. Y.,	34 U. H.
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Daniel Browning Jenks,	Pawtucket,	Mr. Jenks's
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†Samuel Long,	Hertford, N. C.,	Mansion House.
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Wm. McRuer,	Bangor, Me.,	Mrs. Field's
Charles C. Morgan,	Nashua, N. H.,	Dr. Gardner's
Isaac Morse Murdock,	Winchendon, Mass,	44 H. C.
†Amos Noyes,	Newburyport, Mass.,	
†William A. Numan,	Troy, N. Y.,	
†James N. Olney, Jr.,	Brooklyn, N. Y.,	

NAMES.	RESIDENCE.	ROOMS
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Nath. C. Peckham,	Kingston,	34 H. C
Charles Phelps,	Attleboro, Mass.,	1 H. C.
Samuel Austin Read,	Worcester, Mass.,	3 H. C.
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‡Nath. P. Richmond,	Indianapolis, Ia.,	45 U. H
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Henry Westcott,	Warwick,	Mr. H. Westcott's
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Joseph R. Winchester,	Donaldsonville, La.,	Mr. Smith's

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Collins Lawton Balch,	Providence,	Mr. Balch's
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Warrington Roath Booth,	Norwich, Conn.,	Mr. Cushing's
Augustus Osborn Bourn,	Providence,	Mr. Bourn's
Horace Holley Brand,	Lexington, Ky.,	Mr. Knowles's
R. J. Bright,	Madison, Ia.,	Mr. Buffinton's
John Kent Brown,	Wilmington, N. C.,	Mr. Draper's
Alfred Rodolphus Bullard,	Framingham, Mass.,	57 U. H.
James Buckingham,	Zanesville, Ohio,	Mrs. Mather's
Frank Clark,	Providence,	Hon. J. H. Clark's
Wm. Waterman Chapin,	Providence,	Mrs. Chapin's
Edward Payson Chase,	West Tisbury, Mass.,	15 H. C.
Joseph Whipple Congdon,	Providence,	Dr. Ferris
Charles Thomas Crocker,	Fitchburgh, Mass.,	Mrs. Ellis's
William Kimp Davey,	Boston, Mass.,	48 U. H.

NAMES.	RESIDENCE.	ROOMS.
William Griswold Dearth,	Providence,	Mrs. Dearth's,
Wm. Heathering Dike,	Providence,	Mr. Dike's,
Albert Dickerman,	Stoughton, Mass,	15 H. C
Henry Wight Diman,	Bristol,	40 U. H.
George Lewis Dix,	Providence,	Mrs. Dix
Geo. Manton Ellery Ellis,	N. Sandwich, Mass.,	Mr. Angell's
Silas Farrington, Jr.,	Hartford, Conn.,	66 Broadway
Eli Franklin Foster,	Springfield, Mass.,	52 U. H.
John Henry French,	Eastport, Me.,	Mrs. Paine's
Elisha Gatchell,	Malborough, Penn.,	Mrs. Burton's
John Goforth,	Newportville, Penn.,	Mrs. Field's
Frank Wayland Goddard,	Providence,	Mrs W G Goddard's
William Potter Grier,	Philadelphia, Pa.,	30 H. C.
Richmond Henshaw,	Providence,	Bishop Henshaw's
Thomas Cooper Hill,	Philadelphia, Pa.,	30 H. C.
Charles Francis Holbrook,	Worcester, Mass.,	38 U. H.
Cortland Hoppin,	Providence,	Mrs. T. C. Hoppin's.
Joseph Howard,	Hartford, Conn.,	Dr. Clifford's.
Moses Brown Jenkins,	Providence,	Dr Tobey's,
Henry Augustus Little,	Derry, N. H.,	Mrs. Burton's
Joseph Darwin Long,	Holyoke, Mass.	Mr. Knowles's.
John McCurdy Lord,	Lyme, Conn.,	40 U. H.
Charles Thomas Miller,	Norristown, Pa.,	16 U. H.
John Milton Manning,	Pomfret, Conn.,	52 U. H.
George Edwin Newell,	Cumberland,	J. W. Tingley's
Richard Olney,	Oxford, Mass.,	26 U. H.
William Henry Pabodie,	Providence,	Mr. Pabodie's
George Burgess Paine,	Providence,	Mr. Paine's
Gilbert E. Palen,	Saugerties, N. Y.,	Mrs. Field's.
David Ball Parsons,	Hoosic Falls, N. Y.,	4 H. C.
Henry Cooley Parsons,	Philadelphia, Penn.,	28 H. C.

NAMES.	RESIDENCE.	ROOMS.
Jeremiah G. Peckham,	Kingston,	34 H. C.
George Kinney Perrin,	Berlin, Vt.,	24 U. H.
Hiram Kellog Pervear,	Roxbury, Mass.,	48 U. H.
George Bowen Pierson,	New York, N. Y.,	Scott Smith's,
Edward Franklin Pierson,	New York, N. Y,	Scott Smith's.
Nathaniel Pool, Jr.,	Rockport, Mass.,	38 U. H.
Addison Webster Preston,	Danville, Vt.,	24 U. H.
Richard Fletcher Putnam,	Boston, Mass.,	15 H. C.
Auburn Joel Randell,	Danville, Vt.,	53 U. H.
Frank Richmond,	Providence,	Mr. Richmond's.
James Madison Ripley,	West Wrentham, Mass,	22 U. H.
Abram Adams Roberts,	Goffstown, N. H.,	29 H. C.
Nathaniel Isaac Sawyier,	Cincinnati, Ohio,	Mrs. Field's.
Thomas Simons, Jr.,	Maulmain, Burmah,	Mr. Buffinton's
Amos Denison Smith,	Providence,	Mrs. Smith's.
George Horne Taft,	N. Providence,	Rev. Mr. Taft's.
Montfort Temple Taylor,	Parish St. Charles, La.,	Mrs. Townsend's.
Arthur Green Thomas,	Dayton, Ohio,	49 U. H.
Charles Henry Thompson,	Westerly,	1 H. C
William Tillman,	Detroit, Mich.,	Rev T T Waterman's
John Fry Tobey,	Providence,	Dr. Tobey's.
Joseph True,	Berlin, Vt.,	53 U. H.
John Winthrop Vernon,	Providence,	Rev. Mr. Vernon's
Orestes Warren,	E. Killingly, Conn.,	16 H. C.
Marcus Waterman,	Providence,	Mr. Waterman's.
Gardner Matteson Wickes,	Providence,	Mr. Wicke's
Warren Wilder,	Cincinnati, Ohio,	
Benjamin F. Winchester,	Donaldsonville, La.,	Scott Smith's.
Charles Henry Zug.	Pittsburgh, Penn.,	44 U. H

STUDIES ATTENDED.

Intellectual Philosophy,	44
Geometry,	63
Algebra,	25
Advanced Chemistry,	14
General Chemistry,	56
3d Class Latin,	6
2d Class Latin,	28
1st Class Latin,	46
German,	28
Advanced French,	9
1st Class French,	43
Natural Philosophy,	27
Civil Engineering,	19
Greek, 2d Class,	19
Greek, 1st Class,	37
Rhetoric,	42
History,	43
Chemistry, applied to the Arts,	11
Didactics,	12

ABBREVIATIONS.

U. H.	University Hall.
H. C.	Hope College.
†	Dismissed by request.
‡	Absent by permission.

SUMMARY.

Resident Graduates,	2
Undergraduates of four years' standing,	34
" " three " "	31
" " two " "	42
" " one " "	61
Students pursuing a select course,	55
	225

Candidates for the Degree of A. M.,	118
" " " " " A. B.,	33
" " " " " B. P.,	19
Students pursuing a select course,	55
	225

Students from Rhode Island,	67
" " Massachusetts,	69
" " New York,	20
" " Connecticut,	15
" " New Hampshire,	7
" " Vermont,	6
" " Ohio,	5
" " Maine,	4
" " Georgia,	4
" " Indiana,	3
" " Louisiana,	3
" " N. Carolina,	2
" " New Jersey,	1
" " Virginia,	1
" " Kentucky,	1
" " Tennessee,	1
" " Michigan,	1
" " Illinois,	1
" " Ionian Islands,	1
" " Burmah,	1
	225

SECTION I.

ORGANIZATION OF THE UNIVERSITY.

The Laws of the University direct that the Courses of Study shall be so arranged as to accomplish, as far as possible, the following objects:

"1. To enable a student to pursue to the best advantage, any single course which he may choose.

2. To enable a student to pursue for a single term, a single year, or any other portion of time, such studies as he may believe to be for his advantage.

3. To allow students, who are candidates for degrees, to pursue the studies necessary for a degree in a longer or shorter time, as their age, ability, or pecuniary circumstances may render convenient to themselves; the Faculty, however, having the right to direct the studies of such students in such manner as may prevent idleness on the one hand, or superficial haste on the other."

The various classes are organized in conformity with the above enactments. Hence, students may be admitted either as candidates, or not as candidates, for a degree. Those who are not candidates for a degree, are at liberty to pursue the studies of such classes as they may select;

unless, however, special permission be granted to the contrary, they are subjected to the same examinations, and are, equally with other students, amenable to all the laws of the University. Students, not candidates for a degree, are examined for entrance, only in so far as to ascertain their ability to pursue the studies of the class or classes which they propose to enter.

The degrees conferred upon students of this University are three: Bachelor of Philosophy, Bachelor of Arts, and Master of Arts. The student or his parents select the degree for which he proposes to become a candidate.

No student shall be admitted a candidate for the degree of Master of Arts, unless he sustain his examinations satisfactorily in Arithmetic and Algebra as far as Quadratic Equations, Ancient and Modern Geography, English Grammar, and the use of the English Language, and in the Latin and Greek Languages. He shall be able to translate and analyze grammatically the Greek Reader, or an equivalent portion of some classical Greek Author; the Æneid of Virgil, Cæsar's Commentaries, and Six Orations of Cicero, or an equivalent amount of Latin, and be able to translate English into Latin and Greek. The object of the examination shall be to ascertain whether the student be well grounded in the ordinary branches of an English Education, and also, whether he be able to advance beyond the study of grammatical analysis, and direct his attention to the sentiments and course of thought of a classical author, and acquire a knowledge of the general principles of interpretation. Each Professor is the examiner in his own department, and is charged with

the duty of seeing that these requirements are fulfilled. For entrance for the degree of A. B., the examinations shall be the same, except that the candidate need be examined only in the preparatory studies of that Ancient Language which he intends to pursue, if he elect to pursue only one.

Candidates for the degree of Bachelor of Philosophy, shall be examined in a similar manner in all the above studies, with the exception of the Ancient Languages and Ancient Geography.

A student who is a candidate for a degree, entering upon advanced standing, shall be examined in all the studies which students of the same standing have previously pursued.

It is the intention of the Corporation that the examinations for entrance be definite and thorough. The prescribed attainments in Arithmetic, Algebra, English Grammar and Geography, will be strictly required.

"No student shall be admitted as a candidate for matriculation unless he bring suitable testimonials of good moral character; and, if he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in the institution which he has left.

The earliest age at which, in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

The form of matriculation is as follows:—A student who wishes to become a member of the University, must first present his testimonials to the President, who if satisfied with his evidences of good character, will admit him as a candidate to be examined for admission. If his examination be satisfactory, the student shall procure and read a copy of the Laws of the University, after which he shall call again upon the President and sign a declaration of his deliberate intention to obey all the laws of the University, so long as he shall remain a member of it. The President shall then give him a certificate of matriculation, which will entitle him to purchase his tickets and proceed with the studies of his class.

As soon as the student is matriculated, (if he be a minor,) the President shall send by mail to his parent or guardian, a copy of the laws of the University."

SECTION II.

OF DEGREES.

The regular Degrees conferred in this University shall be Bachelor of Arts, Bachelor of Philosophy, and Master of Arts.

The Degree of Bachelor of Arts is designed especially for those who desire to prepare themselves for the different professions, and yet, from unavoidable circumstances, are unable to pursue a complete course of liberal education. In order to render it accessible to such students, the number of studies is limited, and a large liberty of choice is granted, that they may be enabled to select such studies as will the better enable them to prepare themselves for a particular profession.

In order to become a candidate for the degree of A. B., the student having been regularly examined for entrance, must have been proficient in nine courses of one year each. Of these, two must have been in an Ancient Language, one in Mathematics, one in English Language and Rhetoric, and the course in Moral Philosophy and the Evidences of Christianity. For the remaining studies he may select from the regular courses such as he prefers.

The degree of Bachelor of Philosophy is designed for those students who are intended for the pursuits of active life. It is the wish of the Corporation to make the requirements for obtaining it, such as will confer a high

degree of intellectual culture, without the necessity of studying the Ancient Languages.

For the degree of Bachelor of Philosophy, the candidate having entered by regular examination, must have been proficient in nine courses of one year each. Of these one must have been a Modern Language, one Mathematics, one English Literature, one History and Political Economy, and Moral Philosophy and the Evidences of Christianity. The remaining studies required for this degree may be left to his own option.

A student who attends for two years the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall, in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

The candidates for these degrees will then be examined in the manner above specified, in three of the studies in which they have been proficients. The studies in which the examinations will be held, will be made known to the University at the beginning of the term immediately preceding the Commencement.

The degree of Master of Arts is intended for those students who desire to pursue a full course of liberal education. In order to become a candidate for this degree, the student must have obtained certificates of proficiency in the following courses of instruction:—

In the Ancient Languages for two years,

In one Modern Language for one year,
In the Mathematics of two years,
In Natural Philosophy,
English Language and Rhetoric,
Chemistry and Physiology,
History and Political Economy,
Intellectual and Moral Philosophy, and the Evidences of Christianity.

He must also be examined in the Ancient Languages, in Natural Philosophy, and in three other studies of the course to be selected by the Faculty; and he shall not be entitled to a degree unless his answers attain to 25 per cent. of the maximum established by the Faculty. The examination in the Ancient Languages shall include one author in Latin and one in Greek, which has not been read by the class in the regular course of instruction.

The candidate for this degree may be allowed to substitute a third year in an Ancient Language for a second in Mathematics, or a third year in Mathematics, for a second in an Ancient Language; or to substitute one Modern Language for a year in an Ancient Language, or for a year in Mathematics.

It is the design of the Corporation to require for the degree of Bachelor of Arts and of Philosophy, an amount of study which *may* be accomplished in three years, but which may, if he pleases, occupy the student profitably for four years; and to require for the degree of Master of Arts an amount of study which *may* be accomplished in four years, but which, if generously pursued, may occupy the student with advantage a considerable longer

time. And the Faculty have the power to direct in all cases the discontinuance of a third study, or the addition of a third to two already pursued, if such diminution or addition of labor will, in their opinion, be for the advantage of the student. Whenever a study is thus postponed, the ticket which the student has purchased shall be available for the same course at any subsequent time without additional charge.

From the above extracts from the Laws it will be seen, that any person wishing to pursue his studies at this University, may determine for himself whether he will or will not become a candidate for a degree, and he may, if his examinations in the required studies be satisfactory, select the degree for which he will become a candidate. Those who are not candidates for a degree will be subject to the same laws, and pass the same examinations as those who are candidates, and will be entitled to certificates of standing and proficiency. Those who are candidates for a degree must pursue such of the courses as are required for that degree, and sustain satisfactorily all the examinations established by the laws.

The degree of the Bachelor of Arts or that of Bachelor of Philosophy, does not entitle the graduate to the degree of Master of Arts in course. The latter degree is conferred on those only who have pursued the full course of instruction prescribed by the statutes of the University.

SECTION III.

THE COURSES OF STUDY PURSUED IN THE UNIVERSITY, DURING THE PRESENT YEAR, ARE THE FOLLOWING:

INTELLECTUAL AND MORAL PHILOSOPHY.

THE study of Intellectual Philosophy commences with the opening of the collegiate year, and continues to the close of the first term. Lectures are delivered five times in each week, unless when one day in the week is occupied in review, and then four lectures are delivered. One hour and twenty minutes are allotted to each lecture; twenty minutes being devoted to examination on the lecture of the preceding day. The books of reference used in this course are Locke on the Understanding, Reid's and Stewart's Works, Cousin's Psychology, Brown's Philosophy, and Abercrombie on the Intellectual Powers. Copies of the above works, in sufficient number for the use of the class, are placed in the Library. Essays on subjects previously assigned are presented weekly and criticised by the instructor.

The study of Moral Philosophy commences with the opening of the second term, and is pursued in a similar manner. In connection with the course on Moral Philosophy, a course of Lectures is delivered on the Evidences of Revelation.

MATHEMATICS AND PHYSICAL ASTRONOMY.

The department of Mathematics and Physical Astronomy extends through three and a half years, and embraces the following subjects, viz:—

1. Plane and Solid Geometry.
2. Algebra.
3. Trigonometry, Plane and Spherical.
4. Analytical Geometry.
5. The Differential and Integral Calculus.
6. Analytical Mechanics.
7. Physical Astronomy.

The time given to each is nearly as follows, viz:—

FIRST YEAR.

FIRST TERM. — TEXT BOOKS.

Plane and Solid Geometry, — *Davies' Legendre.*

SECOND TERM.

Algebra, beginning at chapter 5th., including the Theory of Logarithms, - - - - - - *Davies' Bourdon.*

SECOND YEAR.

FIRST TERM.

Plane and Spherical Trigonometry, with applications to practical problems, and the use of Logarithms, *Davies' Legendre.*

Analytical Geometry, - - *Davies or Church.*

THIRD YEAR.

FIRST TERM.

The Differential and Integral Calculus, *Church.*

SECOND TERM.

Analytical Mechanics,

Smith or Courtenay's Bourcharlat.

FOURTH YEAR.

FIRST TERM.

Astronomy.

The object of the Mathematical course is twofold:

First, As a part of general education, to exercise

the student in the process of exact reasoning, and thus secure to the mind a thorough logical discipline ; and

Secondly, As a part of special education, to prepare him for original mathematical investigations, and for the varied applications of mathematical and mechanical Science, to practical purposes.

The studies in this department will generally be prosecuted in connexion with text-books. In addition, however, to the recitations and the discussions connected with them, lectures will occasionally be given upon the history and applications of the science. It will be the constant aim of the instructor to awaken in the pupil a generous love of science, and incite him to vigorous and persevering efforts in the pursuit of it ; and by frequent reviews, by the daily analysis of demonstrations, and the solution of problems original and selected, to aid him, as far as possible, in securing, not only an accurate and full knowledge of every subject of inquiry, but also a ready and skilful use of that knowledge.

It is proper to remark that any person who intends entering upon the foregoing Mathematical course, should bring with him to the University a thorough knowledge of Arithmetic and the Elements of Algebra, including the first four chapters of Davies' Bourdon, or what is equivalent. This will hereafter be indispensable, as the Class will commence Algebra at the *fifth chapter*, at the beginning of the 2d Term.

CHEMISTRY AND PHYSIOLOGY.

The course of instruction in this department extends through one year. The first term is occupied with Chemistry proper, Heat, Electricity, Galvanism and Magnetism. These sciences are taught exclusively by lecture. A portion of time is spent each day in examination on the lecture of the preceding day; and themes are assigned weekly, requiring of the student, either an elucidation of the more important doctrines included in these sciences, or their application to an explanation of the phenomena of nature, or the processes of art. Besides this elementary course in Chemistry, provision is made for a more advanced class of students, who may desire to pursue the science into its higher principles as well as its more extended details. The students belonging to this class have constant access to the laboratory where an opportunity is afforded them, not only of witnessing the preparations for the daily lectures, but of conducting under the eye of the Professor such other processes as may serve to make them further acquainted with the laws of chemical re-action. The works of Johnston, Kane and Graham, are used by these classes as books of reference.

The second Term is occupied with animal and vegetable Physiology, including the classifications of Plants and Animals, as well as the description of their structures and functions. In that part of the course relating to the Anatomy and Physiology of man, particular refer-

ence is had to the laws of health and regimen. As during the preceding term, daily examinations are had in connection with the lectures, and also weekly exercises in themes. Provision is also made throughout this term for a more advanced class of students who may desire to pursue the science by the aid of the knife and the microscope. There is also delivered during this term a course of lectures on Geology. These lectures are accompanied by cabinet and field illustrations.

RHETORIC AND ENGLISH LITERATURE.

The instruction in this department is confined to the third year of the regular course. It will be given partly by lectures and partly by text-books. The objects aimed at in this course, are to enable the pupil to write and speak his own language with correctness and elegance, and to cultivate in him a literary taste, while he acquires a knowledge of the English language and its literature. The student attending this course is required to have already made himself acquainted with the ordinary rules and principles of English Grammar. He will be subjected to a rigid examination in these principles on his admission to college. For this examination, the "Analysis of the English Language" by S. S. Greene, is the text-book preferred.

The subjects embraced in this course of study during the first term are, the formation and combination of sen-

tences, the nature and use of Figurative Language, the qualities of Style, the composition of Essays, and the science of Logic. In addition to the regular exercises in Composition and Declamation required of all students who attend this course, the pupil will be expected to present in writing such examples in illustration of these subjects, as the Professor of Rhetoric may call for, that the knowledge acquired may be rendered available for practical purposes. The text-books used in this part of the course, are Campbell's Philosophy of Rhetoric, and Whately's Rhetoric and Logic.

The studies of the second term will commence with the higher branches of Rhetoric and Criticism, and the formation of Discourses. The text-book used is Whately's Rhetoric. The principal portion of the instruction in this part of the course is given by lectures. These subjects will be followed by lectures on the History of the English Language and its Literature.

Their progress and development will be traced from the time of the Anglo-Saxon, Anglo-Norman, and the early English authors, through the successive periods of Chaucer and Wickliffe, Spenser, Shakespeare, the Commonwealth, and the reigns of the subsequent Kings of England, down to the present time. This course will embrace biographical sketches of the principal authors, together with criticisms of their writings. It will close with an examination of the different elements which enter into the formation of the English tongue, and of the influence which they have exerted upon its character and development. In order to secure a more thorough acquaintance with the subject, the students will be

expected to present written answers to such questions upon the leading topics, as the Professor of Rhetoric may offer. All students who are candidates for either of the degrees are required to attend this course.

HISTORY AND POLITICAL ECONOMY.

These branches of Education are now arranged in a department by themselves, and the instruction in them extends through one year. Classes in this department will hereafter be formed at the beginning of each collegiate year, which may be attended by candidates for either of the degrees, and by any other students who shall desire to pursue these courses of instruction.

The course in History commences with the fall of the Roman Empire, and embraces a general survey of the organization of European Society, and its progress in Mediæval and Modern times. It is designed to illustrate the origin and growth of Modern civilization in the principal nations of Europe; the origin and the leading features of the English Constitution and the extension of the English race; the Colonial and Revolutionary history of the United States, together with the theory of the American Government, the history of its formation and the outlines of its successive administrations. A considerable portion of the instruction is given by lectures. In addition to these, the following works are at present in use either as text-books or books of reference. Smyth's Lectures, Guizot's History of Civilization, Greene's His-

tory and Geography of the Middle Ages, Bayard and Story on the Constitution of the United States.

The course in Political Economy, is associated as closely as possible with the course in History. It is designed to explain the nature of national wealth, and the laws which regulate its production and accumulation, and the prosperity of nations, with illustrations from the history of the legislative enactments and economical arrangements which have prevailed in different ages and different countries. In all which reference will be constantly made to the industrial progress and interests of our own people.

LATIN LANGUAGE AND LITERATURE.

The regular course of instruction in this department extends through two years. In each year there are sometimes six, and never less than five, exercises a week.

A third class will be formed for such as desire it.

The course is as follows:

I. In the first year: 1. During the First Term, Livy (Lincoln's Selections), Arnold's Latin Prose Composition commenced, and Roman History. In History, the textbook is Pütz's Manual of Ancient Geography and History, accompanied by the reading of Schmitz's History of Rome. (Andover edition). Niebuhr's History of Rome, Niebuhr's Lectures on Roman History, Arnold's History of Rome, and Arnold's Later Roman Common-

wealth, and Findlay's Ancient Atlas, are recommended to the student. 2. During the second term, Cicero de Senectute and de Amicitia, and Cicero's Brutus, or the Andria of Terence; Arnold's Latin Prose Composition completed.

II. In the second year: 1. First Term, The Odes, Satires, and Epistles of Horace, (Lincoln's edition). 2. The Germania and the Agricola of Tacitus, (Tyler's edition,) and Juvenal.

In the third class, (for the present year): The Rhetorical works of Cicero, with lectures from the Professor on the History of Roman Eloquence.

The course is not restricted to the above authors, but may be varied in different years.

Throughout each year, the students present, on alternate weeks, exercises in Latin Composition (independent of Arnold's text-book), and English exercises, consisting either of translations from the Latin, or of Essays on subjects connected with their Latin reading. These exercises are examined and corrected, and then returned, with explanatory remarks to the class.

The Latin Grammar used is Andrews' and Stoddard's. Zumpt's is recommended as a work for reference. Other books recommended, are Riddle and Arnold's English-Latin Lexicon, Smith's Dictionary of Antiquities (the 2d edition, English, is the best,) and Becker's Gallus.

The objects aimed at in the instruction are chiefly these: to enable the student, by thorough grammatical and exegetical study to read and write Latin with facility, and to pursue by himself, with pleasure and profit, the reading of such Latin books as may be recom-

mended by the instructor: to cultivate, by a habit of faithful translation, his power of expression in his own language: and, by connecting the reading of classic Roman authors with continuous historical and literary illustration, to make the study of Latin an important means of increasing his knowledge and his mental culture.

MODERN LANGUAGES.

FRENCH.

FIRST TERM.

First Class. Greene's Primary Lessons, (second edition,) with written exercises, and exercises on the black board, and *viva voce* in translating from French into English and English into French.

Bossuet—Discours sur l'Histoire Universelle, or Michelet Précis de l'Histoire de France.

SECOND TERM.

Grammar continued with oral and written exercises.

Collot—First part of the Dramatic Reader.

Advanced Class—French Syntax, with oral and written exercises.

Bossuet—Oraison funèbre de Louis de Bourbon.

Boileau—the Lutrin, or Art Poétique.

Collot—Second part of the Dramatic Reader.

Lectures on the History of the French Language and Literature.

GERMAN.

FIRST TERM.

Ollendorff—With oral and written exercises.

Ochlenschlaeger's German Reader.

SECOND TERM.

Ollendorff—Continued with oral and written exercses.

Götz von Berlichingen, (Göthe,) and *Don Carlos* (Schiller.)

Lectures on the history of the German language and literature.

ITALIAN.

Grammar with written and oral exercises.

Foresti's Italian Reader.

Tasso's Jerusalem Delivered.

Dante's Inferno.

Lectures on the history of the Italian Language and Literature.

SPANISH.

Ollendorff.

Velasquez Reader.

Lopez y Calderon—Comedias escogidas.

The course in each language is intended to be critical, grounding the student thoroughly in grammatical principles, and accustoming him to the same rigorous analysis which is applied to the Latin and Greek, while at the same time he is prepared for writing and speaking by the constant use of oral and written exercises. The authors read are studied as specimens of national literature, and made the subject of special lectures.

NATURAL PHILOSOPHY.

The course of Natural Philosophy occupies one year, and comprises Mechanics, Hydrostatics, Pneumatics, Optics, Acoustics, and Astronomy.

The instruction is by illustrated and experimental lectures, accompanied by daily examinations on previous lectures and exercises in application of the principles taught. A text-book is used in connection with the notes taken of the lectures, to aid in the preparation for the recitation. The student is also directed to such other works as may assist him in obtaining a more extended knowledge of the subjects discussed.

The following are the text-books used:

Olmstead's Natural Philosophy; Jackson's Optics; Pierce's Treatise on Sound; Norton's Astronomy.

CIVIL ENGINEERING.

The full course of Civil Engineering will occupy about a year and a half. It embraces the following studies and exercises.

Descriptive Geometry—Shades and Shadows—Linear Perspective—Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-Work, and the measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and

theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction, in all its branches, and to the nature and preparation of the materials used.

Drawing.—Geometrical and Perspective—Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying, with Compass, Theodolite, &c.; Levelling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz: Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections; which make up the two years' course of Mathematics taught in the University.

Without this amount of preparation persons may be admitted to any portion of the above mentioned course which they are able to pursue to advantage.

GREEK LANGUAGE AND LITERATURE.

The regular course of instruction in this department extends through two years: in each of which there are generally five and sometimes six exercises a week. The course of study is as follows:

FIRST YEAR.

First Term.—Xenophon's Cyropædia, Boise's Greek Prose Composition, commenced. Exercises in written translation from Greek into English and from English into Greek.

Second Term.—The Memorabilia of Xenophon,—

Boise's Greek Prose Composition completed,—Exercises in written translation, continued.

SECOND YEAR.

First Term.—Thucydides,—Lectures upon Grecian History,—Exercises in Greek Composition.

Second Term.—Homer's Iliad or Æschylus.

During this year essays are required on subjects connected with the authors read.

A third class in Greek is formed for those who wish to pursue a more extended course.

The course of reading is not confined to the above authors but may be varied in different years.

The Greek Grammar used is that of Kühner. The Lexicon that of Liddell and Scott. As works for reference: Smith's Dictionary of Antiquities and Becker's Charicles are recommended.

CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of Chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week, excepting Saturday, from 9 A. M., until 5 P. M. On Saturday during the forenoon only.

LECTURES.

A course of lectures will be given during the winter term on the application of Chemistry to the Arts, in which the more important processes will be explained; a sketch given of their history and progress, and the class informed of such improvements as may have come to the knowledge of the scientific world.

Without proposing to make this course in any sense a substitute for the more complete and thorough method of experimental study, it is believed that it may be made worthy the attention of those, who being interested in the application of Chemistry, have not the leisure for the pursuits of the Laboratory.

EXPENSES.

All the apparatus required will be furnished the student and charged to his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alcohol, Gas and all other materials required, use of apparatus, fuel and other current expenses, per term, . .	$55,00
Fee for Instruction, ...	30,00
Total, ...	$85,00

A reasonable deduction is made in the case of the students who devote only a portion of their time to this department.

The above charge for Chemicals, materials, &c., is intended merely to cover the average cost. If the cost falls below the charge specified a deduction will be made accordingly.

DIDACTICS.

This department is opened for all those who wish to become professional teachers. A course of lectures

commencing on the 5th of November, will be given on the habits of mind necessary to eminent success in teaching; the relation of the teacher to the pupil; the principles which should guide in the organization of a school; the arrangement and adaptation of studies to the capacity of the learner; the influences to be employed in controlling the passions, forming the habits and elevating the tastes of the young; and on the elements of the art of teaching, or the best methods of imparting instruction in Reading, Grammar, Geography, History, Mathematics, Language and the various other branches taught in our higher Seminaries. All these lectures are accompanied with practical exercises, in which each member is to participate.

For the benefit of Teachers generally, a class has already been formed, consisting of persons not connected with the University. This class numbers, at present, fifty members. Lectures are given at the Lecture room of the High School, on Benefit Street, twice a week, on the various topics embraced in a course of elementary teaching.

SECTION IV.

LIBRARIES.

The University Library is in Manning Hall, and contains at present, upwards of 24,000 well selected volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M., till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise together nearly 7,000 volumes, accessible to all the students of the University.

OF PREMIUMS.

The sum of about four hundred and twenty dollars

is annually awarded in premiums to undergraduates, who have attained to distinguished excellence in the various departments of study.

The University Premiums are derived from a legacy of the late Hon. Nicholas Brown. The statutes by which the award of them is governed, are the following:

1. The competition for the University Premiums is open only to those students who are candidates for some one of the degrees conferred by the University.

2. No student shall be a competitor for a premium whose average standing for the year is below 15; the maximum of standing being 20.

3. No student shall be a competitor for more than one premium, whose average standing for one year is below 18.

4. The following premiums are offered for the present year:

A first premium of fifteen dollars, and a second premium of ten dollars, to the first, and to the second class in Greek, to the first and to the second class in Latin, to the first and to the second class in Mathematics, and to the first class in French.

A first premium of seventeen dollars, and a second premium of fifteen dollars, to the class in English Literature, to the class in Natural Philosophy, and to the class in Physical Science.

A premium of seventeen dollars to the third class in Greek, to the third class in Latin and to the third class in Mathematics.

A first premium of twenty dollars, and a second of seventeen dollars to the class in History, and to the class in Intellectual and Moral Philosophy.

The papers of the undergraduates, who are candidates for degrees at the close of the present collegiate year, must be presented to the President four weeks before Commencement.

The problems in Natural Philosophy and Mathematics, will be presented to competitors at the examination for premiums in those departments.

The themes for University Premiums for the present year, are the following:

For the First Class in Greek;

A Greek translation of the passage in Macaulay's essay on Mitford's

Greece, beginning with "the Spartans purchased," &c., and ending "existence of governments."

For the Second Class in Greek;

A Greek essay on "The Causes of the Peloponnesian War."

For the Third Class in Greek,

A Greek dissertation on "The life and character of Longinus."

Examiners, Professor J. O. Murray,
Merrick Lyon,
James Tillinghast.

For the First Class in Latin;

A translation into Latin of the passage in Arnold's History of Rome, chap. xxix, beginning on page 442, (Am. edition,) with "When the Latins," and ending on page 445, with "their own accordingly."

For the Second Class in Latin;

De consilio, ratione, et præstantia Horatii carminis, quod De Arte Poetica vulgo inscriptum est.

For the Third Class in Latin;

De vita, ingenio et moribus M. Porcii Catonis Majoris.

Examiners, Professor J. L. Lincoln,
H. S. Frieze,
Albert Harkness.

For the Classes in Modern Languages;

Charlemagne.

Examiners, Professor G. W. Greene,
T. P. Shepard, M. D.
William Goddard,
Isaac Proud.

For the Class in English Literature;

The Letters of Junius.

Examiners, Professor R. P. Dunn,
H. B. Anthony,
Thomas Durfee.

For the Class in Physical Science;

"Water considered as a carrier,—the properties upon which its qualification for the office depends."

Examiners, Professor G. I Chace,
C. W. Parsons, M. D.,
J. W. C. Ely, M. D.

For the Class in History;

Causes of the Early Settlement of New England.

Examiners, Professor Abraham Payne,
Charles S. Bradley,
S. G. Arnold.

For the Class in Intellectual and Moral Philosophy;

The relation between the Christian Religion and the Progress of Civilization.

Examiners, F. Wayland,
J. Kingsbury,
J. N. Granger.

The Examiners for the Premiums in Mathematics, are;

Professor A. Caswell,
Moses B. Lockwood,
Caleb Farnum.

The Examiners for the Premiums in Natural Philosophy, and Civil Engineering, are; Professor W. A. Norton,
George L. Collins, M. D.,
S. B. Cushing.

The Examiners in Chemistry applied to the Arts, are;
Professor Porter,
T. P. Shepard, M. D.,
W. W. Pearce.

The Examiners for Premiums are also the Committees of Examination during the year, in their respective departments.

THE PRESIDENT'S PREMIUMS.

These Premiums are awarded to those students entering as candidates for the degree of A. B. or A. M., who have attained the highest excellence in the studies preparatory to admission to the University.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Greek Language.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Latin Language.

The examination for the President's Premiums is held on the first Saturday of the first Collegiate term. The competitors will be examined in the studies preparatory for entrance, and especially in the first six books of the Æneid of Virgil, and the first three books of Xenophon's Anabasis. The examiners are the Professor of Latin, the Professor of Greek, and Mr. James Tillinghast.

SECTION V.

DIRECTIONS FOR STUDENTS.

1. The terms of the University always commence on Friday. This and the following day, are occupied in making the necessary preliminary arrangements. Every student is expected within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he intends to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

4. In case of absence, a student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

5. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

6. At 12 o'clock M., of every day, all absences which have occurred during the previous 24 hours, are reported to the President.

7. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency without excuse, in any literary exercise.

8. When the demerits of any student amount to 30, the President is

required to inform the parent or guardian of such student, of the fact; and when his demerits amount to 100, to dismiss him from the University.

9. After reports are entered on the books of the Register, no alterations can be made on account of negligence to present an excuse on the part of the student.

10. Candidates for admission are required to present to the President adequate certificates of unquestionable moral character.

EXAMINATIONS.

Every Class is examined in the studies which it has pursued at the close of each term. These examinations are conducted in writing. Questions prepared by the committee of examination are presented to each student in each lecture room, and he is required within a specified time, to return his answers in writing. By the aggregate value of his answers, his standing by examination, is determined.

MISCELLANEOUS.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5.

The fee for each course, exclusive of the special courses, is per term, $6.

The Special Courses are the private class of the Professor of Chemistry and Physiology; the class of Analytical Chemistry; the class of Civil Engineering; the class in Agriculture; and of Chemistry applied to the Arts.

For the Class in Civil Engineering, and of Chemistry applied to the Arts, per term, the fee is $30.

Rooms are furnished in the college buildings, if two students occupy the same room, at $4,50 per term, or $9 per year.

If a student occupy a room alone, his rent is doubled.

Board is not furnished in College. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:—

Board at from $1,75 to $2,50 per week. Board and lodging with furnished rooms, in some cases washing or fuel included, from $2,75 to $3,50 per week. The other expenses are, per term:—Use of Library, $1,50; Register's Salary, $2,00; Servants' hire for those rooming in College, $3,00; for those that room in town, $1,50; Repairs and Public Fuel, from $1,00 to $1,25 each.

There are two terms in the collegiate year.

The first term commences on the Friday following the first Wednesday of September, and continues twenty weeks.

The second term of the present year commences on Friday the 20th of February and ends at Commencement.

Commencement is at the close of the second term, on the second Wednesday of July.

The first Exhibition occurs on the fourth Saturday of November; and the second on the fourth Saturday of May.

The regular examinations of all the classes are held during the last week of each term.

The examinations for admission to the University are held on Thursday, Friday and Saturday of Commencement week, and on Thursday, Friday and Saturday of the first week of each collegiate term.

Since the Catalogue has gone to press, an evening class of nineteen students has been formed in Chemistry applied to the Arts, exclusive of those whose names are recorded above.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1852-53.

FIRST TERM.

PROVIDENCE:
A. C. GREENE, PRINTER.
1852.

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PROFESSOR OF MODERN LANGUAGES.

Rev. HENRY DAY, A. M.,

PROFESSOR OF NATURAL PHILOSOPHY AND CIVIL ENGINEERING.

PROFESSOR OF CHEMISTRY APPLIED TO THE ARTS.*

---

* The charge of this department has been assigned to the Professor of Chemistry.

NELSON WHEELER, A. M.,

PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

WILLIAM E. JILLSON, A. M.,

INSTRUCTOR IN MODERN LANGUAGES.

PROFESSOR OF THE THEORY AND PRACTICE OF AGRICULTURE.

REUBEN A. GUILD, A. M.,

LIBRARIAN.

SAMUEL BROOKS, A. B.,

ASSISTANT LIBRARIAN.

LEMUEL H. ELLIOTT,

REGISTER.

RESIDENT GRADUATES.

NAMES.	RESIDENCE.	ROOMS.
Edward S. Atwood,	*Taunton, Mass.*,	36 U. H.
Samuel Brooks,	*Roxbury, Mass.*,	40 H. C.
Joseph C. Wightman,	*Montville, Conn.*,	23 H. C.
William F. Webster,	*Kingston, N. H.*, Private Assistant to the Professor of Chemis'ry.	

UNDERGRADUATES

OF FOUR YEARS' STANDING.

NAMES.	RESIDENCE.	ROOMS.
Frank S. Bradford,	*Providence*,	Mrs. Fish's.
Osborn E. Bright,	*Roxbury, Mass.*,	10 H. C.
Henry H. Burrington,	*Hartford, N. Y.*,	43 H. C.
Edward T. Caswell,	*Providence*,	Dr. Caswell's.
Samuel D. Cozzens,	*Providence*,	B. Cozzens'.
Jared M. Heard,	*Wayland, Mass.*,	12 H. C.
George D. Henderson,	*Portsmouth, N. H.*,	38 H. C.
Howard M. Jones,	*Providence*,	Mrs. Wilde's.
George F. Kilton,	*Salisbury, Mass.*,	Mr. Rockwood's.
Wm. H. Kingsbury,	*Tamworth, N. H.*	29 H. C.
Eaton W. Maxcy, Jr.,	*Providence*,	Mr. Maxcy's.

NAMES.	RESIDENCE.	ROOMS.
Francis M. McAllister,	*Savannah, Ga.,*	Miss Easton's.
Leonard B. Pratt,	*Providence,*	Hon. T. Burgess'.
John Sanderson, Jr.,	*Athens, N. Y.,*	11 H. C.
Lewis E. Smith,	*Lincoln, Mass.,*	32 H. C.
Geo. Blake Vose,	*Pawtucket, Mass.,*	Mr. Vose's.
George H. Woods,	*Salem, Mass.,*	Mansion House.
John York,	*Ionian Islands,*	8 H. C.

UNDERGRADUATES

OF THREE YEARS' STANDING.

NAMES.	RESIDENCE.	ROOMS.
James M. Albertson,	*New London, Conn.*,	Mrs. Bean's.
†Daniel S. Andrus,	*Elmira, N. Y.*,	
Asa Arnold,	*Providence*,	Mr. Arnold's.
Charles Bell,	*Chester, N. H.*,	Miss Easton's.
Wm. A. Blodgett,	*Somerville, Mass.*,	4 H. C.
Charles H. Boyd,	*Portland, Me.*,	21 H. C.
Benjamin Braman,	*Norton, Mass.*,	31 H. C.
D. W. C. Brown,	*Dayton, Ohio*,	3 H. C.
Everett A. Carpenter,	*Pawtucket, Mass.*,	23 U. H.
Wm. B. Carpenter,	*Pawtucket, Mass.*,	23 U. H.
Frank W. Cheney,	*Manchester, Conn.*,	Miss Easton's.
Geo. B. Cargill,	*Wrentham, Mass.*,	3 H. C.
Charles T. Crocker,	*Fitchburg, Mass.*,	41 U. H.
Augustus Cummings,	*Portland, Me.*,	36 H. C.
†Benjamin F. Davis,	*Nashville, Tenn.*,	
Edward L. Davis,	*Worcester, Mass.*,	33 U. H.
James DeMille,	*St. Johns, N. B.*,	37 U. H.
Arthur S. Denny,	*Leicester, Mass.*,	Mansion House.
Amos A. DeWitt,	*Providence*,	Mr. Manchester's.
Arthur F. Dexter,	*Providence*,	Mr. Dexter's.
†Henry W. Edes,	*Calais, Me.*,	
John P. S. Gifford,	*Canaan, N. Y.*,	16 U. H.
Harris R. Greene,	*N. Kingstown*,	Mr. Greene's.
Wm. M. Grinnell,	*New York, N. Y.*,	Mrs. Townsend's.

NAMES.	RESIDENCE.	ROOMS.
M. B. I. Goddard,	*Providence*,	Mrs. Goddard's.
Alex'r M. Higgins,	*Charlestown, Mass.*,	14 H. C.
Walter Hillman, Jr.,	*Tisbury, Mass.*,	41 H. C.
Alex'r L. Holley,	*Salisbury, Conn.*,	21 H. C.
George E. Horr,	*Boston, Mass.*,	4 H. C.
Thomas P. Ives,	*Providence*,	Mr. Ives'.
†Stephen A. Jenks,	*Central Falls*,	
Daniel B. Jenks,	*Pawtucket*,	Mr. Jenks'.
Julius E. Johnson,	*Tolland, Conn.*,	Mr. Tolcott's.
Henry A. Little,	*Derry, N. H.*,	Mrs. Weston's.
Bartlett Mayhew, Jr.,	*Tisbury, Mass.*,	31 H. C.
†Wm. McRuer,	*Bangor, Me.*,	
Charles T. Miller,	*Norristown, Penn.*,	16 U. H.
Charles C. Morgan,	*Nashua, N. H.*,	Mr. Gardner's.
Isaac M. Murdock,	*Winchendon, Mass.*,	44 H. C.
Enos Munger,	*Monson, Mass.*,	37 H. C.
James H. Parsons,	*Philadelphia, Penn.*,	28 H. C.
Nath'l C. Peckham,	*Kingston*,	34 H. C.
George K. Perrin,	*Berlin, Vt.*,	38 U. H.
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Nathaniel Pool, Jr.,	*Rockport, Mass.*,	30 H. C.
Samuel A. Read,	*Worcester, Mass.*,	30 U. H.
†Andrew Read,	*Warren*,	
‡Joshua Rathbone,	*Providence*,	Mr. Rathbone's.
John H. Rogers,	*Providence*,	Mr. Rogers'.
Simon R. Sheffield,	*New Shoreham*,	1. H. C.
Horatio N. Slater,	*Providence*,	Mr. Slater's.
Charles A. Snow,	*Providence*,	Mr. Snow's.
Edward P. Taft,	*Providence*,	Mr. Taft's.
William H. Temple,	*Spencer, Mass.*,	31 U. H.
Thomas H. Tucker,	*Worcester, Mass.*,	50 U. H.
George P. Upton,	*Roxbury, Mass.*,	51 U. H.
Albert G. Utley,	*Providence*,	Mrs. Utley's.
Thomas Vernon,	*Newport*,	Miss Easton's.
Henry Westcott,	*Warwick*,	Mr. Westcott's.
‡J. Richard Winchester,	*Donaldsonville, La.*,	Mrs. Jones'.
Simon B. Wetherell,	*Taunton, Mass.*,	20 H. C.

UNDERGRADUATES

OF TWO YEARS' STANDING.

NAMES.	RESIDENCE.	ROOMS.
Oliver Ames,	*Easton, Mass.*,	42 U. H.
Mowry A. Arnold,	*Burrillville*,	35 H. C.
Richard J. Arnold, Jr.,	*Providence*,	R. J. Arnold's.
Collins L. Balch,	*Providence*,	Mr. Balch's.
Wm. J. Batt,	*Fall River, Mass.*,	48 U. H.
James A. Barnes,	*Smithfield*,	Mr. Barnes'.
Warrington R. Booth,	*Norwich, Conn.*,	Mrs. Bean's.
Augustus C. Bourn,	*Providence*,	Mr. Bourn's.
†Horace H. Brand,	*Lexington, Ky.*,	
R. I. Bright,	*Madison, Ia.*,	58 U. H.
James W. Brooks,	*Petersham. Mass.*,	42 U. H.
J. Kent Brown,	*Wilmington, N. C.*.	22 U. H.
Thomas B. Brown,	*South Reading, Mass.*,	38 U. H.
Alfred R. Bullard,	*Framingham, Mass.*,	20 U. H.
†James Buckingham,	*Lanesville, Ohio*,	Mrs. Mather's.
Frank Clarke,	*Providence*,	Hon. J. H. Clarke's.
Wm. W. Chapin,	*Providence*,	Mrs. Chapin's.
Edward P. Chase,	*West Tisbury, Mass.*,	Mrs. Paine's.
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Joseph W Congdon,	*Providence*,	Mr. Scott's.
Alexander W. Couper,	*Darien, Ga.*,	Mrs. Tanner's.
Wm. K. Davey,	*Boston, Mass.*,	49 U. H.
Wm. G. Dearth,	*Providence*,	Mrs. Dearth's.

NAMES.	RESIDENCE.	ROOMS.
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Henry W. Diman,	*Bristol,*	40 U. H.
George L. Dix,	*Providence,*	Mrs. Dix's.
Silas Farrington, Jr.,	*Hartford, Conn.,*	Mrs. Bean's.
Stoughton A. Fletcher,	*Indianapolis, Ia.,*	58 U. H.
Eli F. Foster,	*Springfield, Mass.,*	51 U. H.
John H. French,	*Eastport, Me.,*	7 H. C.
Elisha Gatchell,	*Marlborough, Penn.,*	Mrs. Burton's.
John Goforth,	*Newportville, Penn.,*	22 H. C.
Wm. P. Grier,	*Philadelphia, Penn.,*	26 H. C.
Septimus S. Hannah,	*Indianapolis, Ia.,*	24 H. C.
†Richmond Henshaw,	*Providence,*	Mrs. Henshaw's.
Charles F. Holbrook,	*Worcester, Mass.,*	31 U. H.
Cortland Hoppin,	*Providence,*	Mrs. Hoppin's.
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Julius F. Kellogg,	*Kenosha, Wis.,*	Mrs. Ellis's.
Joseph D. Long,	*Holyoke, Mass.,*	Dr. Long's.
John M. C. Lord,	*Lyme, Conn.,*	43 U. H.
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John M. Manning,	*Pomfret, Conn.,*	53 U. H.
Richard Olney,	*Oxford, Mass.,*	Mr. Smith's.
Wm. H. Pabodie,	*Providence,*	Mr. Pabodie's.
George B. Paine,	*Providence,*	44 U. H.
Henry C. Parsons,	*Philadelphia, Penn.,*	28 H. C.
Jeremiah G Peckham,	*Kingston,*	34 H. C.
Hiram K. Pervear,	*Roxbury, Mass.,*	23 H. C.
John T. Peters,	*Colchester, Conn.,*	Mrs. Helme's.
George B. Pierson,	*New York, N. Y.,*	Miss Easton's.
Edward F. Pierson,	*New York, N. Y.,*	Miss Easton's.
Addison W. Preston,	*Danville, Vt.,*	56 U. H.

NAMES.	RESIDENCE.	ROOMS.
Richard F. Putnam,	*Boston, Mass.,*	Dr. Wheaton's.
Frank Richmond,	*Providence,*	Mr. Richmond's.
James M. Ripley,	*W. Wrentham, Mass.,*	22 U. H.
Nathaniel I. Sawyer,	*Cincinnati, Ohio.,*	Mrs. Trafton's.
Thomas Simons Jr.,	*Maulmain, Burmah,*	20 U. H.
Amos D. Smith, Jr.,	*Providence,*	Mr. Smith's.
Duncan Smith,	*Portland, Me.,*	36 H. C.
George H. Taft,	*N. Providence,*	Rev. Mr. Taft's.
M. Temple Taylor,	*Parish St. Charles, La.,*	Mr. Townsend's.
Charles H. Thompson,	*Westerly,*	2 H. C.
Wm. Tillman,	*Detroit, Mich.,*	Mr. Hutchins'.
John F. Tobey,	*Providence,*	Dr. Tobey's.
John W. Vernon,	*Providence,*	Rev Mr. Vernon's.
Orestes Warren,	*E. Killingly, Conn.,*	9 H. C.
Marcus Waterman,	*Providence,*	Mr. Waterman's.
Henry M. Wheeler,	*Worcester, Mass.,*	50 U. H.
Gardner W. Wickes,	*Providence,*	Mr. Wickes'.
Henry D. Williams,	*W. Roxbury, Mass.,*	25 H. C.
Jared I. Williams,	*Lancaster, N. H.,*	9 H. C.
S. TenBroeck Willey,	*Sumner, Me.,*	16 H. C.
Benjamin F. Winchester,	*Donaldsonville, La.,*	Mrs. Jones'.
Joseph H. Worster,	*Milton, N. H.,*	16 H. C.
Charles H. Zug,	*Pittsburg, Penn.,*	34 U. H.

UNDERGRADUATES

OF ONE YEARS' STANDING.

NAMES.	RESIDENCE.	ROOMS.
George W. Adams,	*Providence*,	Mr. Adams'.
Charles H. Alden,	*Bristol*,	40 U. H.
Thomas J. Almy,	*Providence*,	Mr. Almy's.
David A. Andrews,	*Providence*,	Mr. Andrews'.
Charles H. Antis,	*Canandaigua, N. Y.*,	Miss Easton's.
Theodore Andrews,	*Providence*,	Mr. Andrews'.
Edward R. Arnold,	*Providence*,	Dr. Arnold's.
Henry W. Arnold,	*Providence*,	Mrs. Z. Arnold's.
Frank Bailey,	*Hopkinton, N. H.*,	Mrs. Sanford's.
Morris B. Beckwith,	*Gt. Barrington, Mass.*,	42 H. C.
Louis Bell,	*Chester, N. H.*,	Miss Easton's.
Charles Blake,	*Bristol*,	Miss Easton's.
John W. Bigelow,	*Grafton, Mass.*,	48 U. H.
George D. Blodgett,	*Pawtucket, Mass.*,	33 H. C.
Nicholas B. Bolles,	*Providence*,	Mrs. Bolles'.
Julius Bond,	*Hartford, Conn.*,	49 U. H.
Nicholas Brown, Jr.,	*Providence*,	Miss Peck's.
Charles Brooks,	*Holden, Mass.*,	57 U. H.
Franklin Burdge,	*New York, N. Y.*,	Mr. Buffington's.
Francis Colwell, Jr.,	*Providence*,	Dr. Colwell's.
Freeman Cornish,	*Plymouth, Mass.*,	19 H. C.
Henderson Crawford,	*Attakapas, La.*,	Mr. Sanderson's.
Samuel L. Crocker, Jr.,	*Taunton, Mass.*,	Miss Easton's.

NAMES.	RESIDENCE.	ROOMS.
Wm. B. Crocker,	*Taunton, Mass.*,	36 U. H.
Samuel Cushman, Jr.,	*S. Attleborough, Mass.*,	Miss Paine's.
William Edson,	*E. Bridgewater, Mass.*,	Mrs. Ellis'.
George M. E. Ellis,	*N. Sandwich, Mass.*,	Mr. Angell's.
Thomas Ewing,	*Lancaster, Ohio*,	Dr. Collins'.
Joel F. Fales,	*Walpole, Mass.*,	Mr. Weston's.
Emory Fay,	*Grafton, Mass.*,	14 H. C.
Charles E. Fisk,	*Providence*,	Miss Smith's.
William Fitz,	*Boston, Mass.*,	23 H. C.
Isaac H. Gilbert,	*Easton, Conn.*,	Mr. Vose's.
Frank W. Goddard,	*Providence*,	Mrs. Goddard's.
Charles B. Goff,	*Fall River, Mass.*,	25 H. C.
David H. Goodell,	*Antrim, N. H.*,	24 U. H.
George Hallett,	*Providence*,	Geo. W. Hallett's.
Charles H. Hazard,	*S. Kingstown*,	Mrs. Watts'.
Ezra H. Heywood,	*Hubbardston, Mass.*,	17 U. H.
George F. Hoppin,	*Providence*,	Mr. Hoppin's.
Charles Hutchins,	*Wilmington, Del.*,	42 H. C.
Wm. W. Johnson,	*Franklin, La.*,	Mr. Sanderson's.
Abram B. Kinsey,	*Adams Co., Miss.*,	Mr. Sanderson's.
Uriah W. Lawton,	*S. Westport, Mass.*,	26 U. H.
George W. Lemon,	*Georgetown, Ky.*,	Mr. Smith's.
Edward F. Leonard,	*Providence*,	Mr. Leonard's.
Charles H. Lothrop,	*Taunton, Mass.*,	19 H. C.
James MacAlister,	*Waukesha, Wis.*,	45 U. H.
Nicholas McCarty,	*Indianapolis, Ia.*,	43 U. H.
Joseph R. Mauran,	*Providence*,	Dr. Mauran's.
Morris B. Morgan,	*Baton Rouge, La.*,	Mr. Smith's.
Charles Mott,	*New Haven, Conn.*,	13 H. C.
George E. Newell,	*Cumberland*,	J. W. Tingley's.
William H. Otis,	*Cleaveland, Ohio*,	Mrs. Trafton's.

NAMES.	RESIDENCE.	ROOMS.
John Peirce,	*Providence*,	Mr. Padelford's.
Benjamin E. Ray,	*Providence*,	36 H. C.
Joseph S. Raymond,	*Lebanon, Conn.*,	Mr. Helme's.
Joseph W. Reed,	*Danvers, Mass.*,	35 H. C.
Francis W. Reynolds,	*Boston, Mass.*,	Mr. Work's.
Abram A. Roberts,	*Goffstown, N. H.*,	29 H. C.
Horatio Rogers, Jr.,	*Providence*,	Mr. Rogers'.
Enoch W. Sanford,	*Raynham, Mass.*,	24 U. H.
Amos J. Saunders,	*Rowley, Mass.*,	26 U. H.
Sherman G. Smith,	*Monroe, Conn.*,	Mr. Vose's.
Henry N. Snyder,	*Clarkson, N. Y.*,	13 H. C.
Christopher R. Stafford,	*Providence*,	Mr. Stafford's.
Samuel Starkweather,	*Cleaveland, Ohio*,	Mrs. Trafton's.
George L. Stedman,	*Southbridge, Mass.*,	19 U. H.
James M. Stone,	*Kennebunkport, Me.*,	52 U. H.
Alexander V. G. Taylor,	*Providence*,	Mr. Taylor's.
Horace C. Taylor,	*Norwich, Mass.*,	Mrs. Paine's.
John E. Tourtellotte,	*Thompson, Conn.*,	Mrs. Ellis's.
Walter S. Thornton,	*New Bedford, Mass.*,	Dr. Wheaton's.
Wm. H. Tefft,	*Greenwich, N. Y.*,	43 H. C.
Charles Turner,	*New London, Conn.*,	Mr. Bean's.
Wm. W. Waterman,	*East Attleboro', Mass.*,	Miss Smith's.
Amos P. Wells,	*S. Kingstown*,	Mrs. Crandall's.
James B. Whitaker,	*Needham, Mass.*,	33 H. C.
Francis W. White,	*Winchendon, Mass.*,	19 U. H.
Alfred H. Young,	*Wickford*,	45 U. H.

STUDIES ATTENDED.

Intellectual Philosophy,	30
Trigonometry,	43
Geometry,	70
Chemistry,	72
Analytical Chemistry,	13
History,	23
Third Latin,	9
Second Latin,	50
First Latin,	48
Rhetoric,	64
Natural Philosophy,	40
Civil Engineering,	5
Second Greek,	30
First Greek,	34
Advanced French,	15
French,	53
German,	14

ABBREVIATIONS.

U. H.	University Hall.
H. C.	Hope College.
†	Dismissed by request.
‡	Absent by permission.

SUMMARY.

Resident Graduates,	4
Undergraduates of Four Years' Standing,	18
" " Three " "	61
" " Two " "	77
" " One " "	80
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Candidates for the Degree of A. M.,	119
" " " " A. B.,	43
" " " " B. P.,	27
Students pursuing a Select Course,	51
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Students from Rhode-Island,	78
" " Massachusetts,	73
" " Connecticut,	18
" " New York,	11
" " New Hampshire,	12
" " Maine,	8
" " Pennsylvania,	7
" " Ohio,	6
" " Louisiana,	6
" " Indiana,	4
" " Vermont,	2
" " Kentucky,	2
" " Wisconsin,	2
" " Georgia,	2
" " North Carolina,	1
" " Mississippi,	1
" " Tennesee,	1
" " Michigan,	1
" " Missouri,	1
" " Delaware,	1
" " New Brunswick,	1
" " Ionian Islands,	1
" " Burmah,	1
	240

SECTION 1.

ORGANIZATION OF THE UNIVERSITY.

The Laws of the University direct that the Courses of Study shall be so arranged as to accomplish, as far as possible, the following objects:

"1. To enable a student to pursue to the best advantage, any single course which he may choose.

2. To enable a student to pursue for a single term, a single year, or any other portion of time, such studies as he may believe to be for his advantage.

3. To allow students who are candidates for degrees, to pursue the studies necessary for a degree in a longer or shorter time, as their age, ability, or pecuniary circumstances may render convenient to themselves; the Faculty, however, having the right to direct the studies of such students in such manner as may prevent idleness on the one hand, or superficial haste on the other."

The various classes are organized in conformity with the above enactments. Hence, students may be admitted either as candidates, or not as candidates, for a degree. Those who are not candidates for a degree, are at liberty to pursue the studies of such classes as they may select; unless, however, special permission be granted to the contrary, they are subjected to the same examinations, and are, equally with other students, amenable to all the laws of the University. Students, not candidates for a degree, are examined for entrance, only in so far as to ascertain their ability to pursue the studies of the class or classes which they propose to enter.

The degrees conferred upon students of this University are three: Bachelor of Philosophy, Bachelor of Arts, and Master of Arts. The student or his parents select the degree for which he proposes to become a candidate.

No student shall be admitted a candidate for the degree of Master of Arts, unless he sustain his examinations satisfactorily in Arithmetic and Algebra as far as Quadratic Equations, Ancient and Modern Geography, English Grammar and the use of the English Language, and in the Latin and Greek Languages. He shall be able to translate and analyze grammatically the Greek Reader, or an equivalent portion of some classical Greek Author; the Æneid of Virgil, Cæsar's Commentaries, and Six Orations of Cicero, or an equivalent amount of Latin, and be able to translate English into Latin and Greek. The object of the examination shall be to ascertain whether the student be well grounded in the ordinary branches of an English Education, and also, whether he be able to advance beyond the study of grammatical analysis, and direct his attention to the sentiments and course of thought of a classical author, and acquire a knowledge of the general principles of interpretation. Each Professor is the examiner in his own department, and is charged with the duty of seeing that these requirements are fulfilled.

For entrance for the degree of A. B., the examinations shall be the same, except that the candidate need be examined only in the preparatory studies of that ancient language which he intends to pursue, if he elect to pursue only one.

Candidates for the degree of Bachelor of Philosophy, shall be examined in a similar manner in all the above studies, with the exception of the Ancient Languages and Ancient Geography.

A student who is a candidate for a degree, entering upon advanced standing, shall be examined in all the studies which students of the same standing have previously pursued.

It is the intention of the Corporation that the examinations for entrance be definite and thorough. The prescribed attainments in Arithmetic, Algebra, English Grammar and Geography, will be strictly required.

No student shall be admitted as a candidate for matriculation unless he bring suitable testimonials of good moral character; and

if he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in the institution which he has left.

The earliest age at which, in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorised to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

The form of matriculation is as follows:—A student who wishes to become a member of the University, must first present his testimonials to the President, who if satisfied with his evidences of good character, will admit him as a candidate to be examined for admission. If his examination be satisfactory, the student shall procure and read a copy of the Laws of the University, after which he shall call again upon the President and sign a declaration of his deliberate intention to obey all the laws of the University, so long as he shall remain a member of it. The President shall then give him a certificate of Matriculation, which will entitle him to purchase his tickets and proceed with the studies of his class.

As soon as the student is matriculated, (if he be a minor,) the President shall send by mail to his parent or guardian, a copy of the laws of the University.

SECTION II.

OF DEGREES.

The regular Degrees conferred in this University shall be Bachelor of Arts, Bachelor of Philosophy, and Master of Arts.

The Degree of Bachelor of Arts is designed especially for those who desire to prepare themselves for the different professions, and yet, from unavoidable circumstances, are unable to pursue a complete course of liberal education. In order to render it accessible to such students, the number of studies is limited, and a large liberty of choice is granted, that they may be enabled to select such studies as will the better enable them to prepare themselves for a particular profession.

In order to become a candidate for the degree of A. B., the student having been regularly examined for entrance, must have been proficient in nine courses of one year each. Of these, two must have been in an Ancient Language, one in Mathematics, one in the English Language and Rhetoric, and the course in Moral Philosophy and the Evidences of Christianity. For the remaining studies he may select from the regular courses such as he prefers.

The degree of Bachelor of Philosophy is designed for those students who are intended for the pursuits of active life. It is the wish of the Corporation to make the requirements for obtaining it such as will confer a high degree of intellectual culture, without the necessity of studying the Ancient Languages.

For the degree of Bachelor of Philosophy, the candidate having entered by regular examination, must have been proficient in nine courses of one year each. Of these one must have been a Modern

Language, one Mathematics, one English Literature, one History and Political Economy, and Moral Philosophy and the Evidences of Christianity. The remaining studies required for this degree may be left to his own option.

A student who attends for two years the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall, in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

The candidates for these degrees will then be examined in the manner above specified, in three of the studies in which they have been proficients. The studies in which the examinations will be held, will be made known to the University at the beginning of the term immediately preceding the Commencement.

The degree of Master of Arts is intended for those students who desire to pursue a full course of liberal education. In order to become a candidate for this degree, the student must have obtained certificates of proficiency in the following courses of instruction:—

The Ancient Languages for two years,
One Modern Language for one year,
The Mathematics for two years,
Natural Philosophy,
English Language and Rhetoric,
Chemistry and Physiology,
History and Political Economy,

Intellectual and Moral Philosophy, and the Evidences of Christianity.

He must also be examined in the Ancient Languages, in Natural Philosophy, and in three other studies of the course to be selected by the Faculty; and he shall not be entitled to a degree unless his answers attain to 25 per cent. of the maximum established by the Faculty. The examination in the Ancient Languages shall include one author in Latin and one in Greek, which has not been read by the class in the regular course of instruction.

The candidate for this degree may be allowed to substitute a third year in an Ancient Language for a second in Mathematics, or a third in Mathematics for a second in an Ancient Language; or to substitute one Modern Language for a year in an Ancient Language, or for a year in Mathematics.

It is the design of the Corporation to require for the degrees of Bachelor of Arts and of Philosophy, an amount of study which *may* be accomplished in three years, but which may, if he pleases, occupy the student profitably for four years; and to require for the degree of Master of Arts an amount of study which *may* be accomplished in four years, but which, if generously pursued, may occupy the student with advantage a considerably longer time. And the Faculty have the power to direct in all cases the discontinuance of a third study, or the addition of a third to two already pursued, if such diminution or addition of labor will, in their opinion, be for the advantage of the student. Whenever a study is postponed, the ticket which the student has purchased shall be available for the same course at any subsequent time without additional charge.

From the above extracts from the Laws, it will be seen, that any person wishing to pursue his studies at this University, may determine for himself whether he will or will not become a candidate for a degree, and he may, if his examinations in the required studies be satisfactory, select the degree for which he will become a candidate. Those who are not candidates for a degree will be subject to the same laws, and pass the same examinations as those who are candidates, and will be entitled to certificates of standing and proficiency. Those who are candidates for a degree must pursue such of the courses as are required for that degree, and sustain satisfactorily all the examinations established by the laws.

The degree of Bachelor of Arts or that of Bachelor of Philosophy, does not entitle the graduate to the degree of Master of Arts in course. The latter degree is conferred on those only who have pursued the full course of instruction prescribed by the statutes of the University.

SECTION III.

THE COURSES OF STUDY PURSUED IN THE UNIVERSITY DURING THE PRESENT YEAR, ARE THE FOLLOWING:

INTELLECTUAL AND MORAL PHILOSOPHY.

The study of Intellectual Philosophy commences with the opening of the collegiate year, and continues to the close of the first term. Lectures are delivered five times in each week, unless when one day in the week is occupied in review. and then four lectures are delivered. One hour and twenty minutes are allotted to each lecture; twenty minutes being devoted to examination on the lecture of the preceding day. The books of reference used in this course are Locke on the Understanding, Reid's and Stewart's Works, Cousin's Psychology, Brown's Philosophy, and Abercrombie on the Intellectual Powers. Copies of the above works, in sufficient number for the use of the class, are placed in the Library. Essays on subjects previously assigned are presented weekly and criticised by the instructor.

The study of Moral Philosophy commences with the opening of the second term, and is pursued in a similar manner. In connection with the course on Moral Philosophy, a course of lectures is delivered on the Evidences of Revelation.

MATHEMATICS AND PHYSICAL ASTRONOMY.

The department of Mathematics and Physical Astronomy extends through three and a half years, and embraces the following subjects, viz:—

1. Plane and solid Geometry.
2. Algebra.
3. Trigonometry, Plane and Spherical.
4. Analytical Geometry.
5. Differential and Integral Calculus.
6. Analytical Mechanics.
7. Physical Astronomy.

The time given to each is nearly as follows, viz:—

FIRST YEAR.

First Term.	Text Books.
Plane and Solid Geometry, . . .	*Davies' Legendre.*
Second Term.	
Algebra, beginning at chapter 5th., including the Theory of Logarithms, . . .	*Davies' Bourdon.*

SECOND YEAR.

First Term.	
Plane and Spherical Trigonometry, with applications to practical problems, and the use of Logarithms, ...	*Davies' Legendre.*
Analytical Geometry, ...	*Davies or Church.*

THIRD YEAR.

First Term.	
Differential and Integral Calculus,	*Church.*
Second Term.	
Analytical Mechanics,	*Smith or Courtenay's Boucharlat.*

FOURTH YEAR.

First Term.

Astronomy.

The object of the Mathematical course is twofold:

First, As a part of general education, to exercise the student in the process of exact reasoning, and thus secure to the mind a thorough logical discipline; and

Secondly, As a part of special education, to prepare him for original mathematical investigations, and for the varied applications of mathematical and mechanical science to practical purposes.

The studies in this department will generally be prosecuted in connection with text-books. In addition, however, to the recitations and the discussions connected with them, lectures will occasionally be given upon the history and applications of the science. It will be the constant aim of the instructor to awaken in the pupil a generous love of science, and incite him to vigorous and persevering efforts in the pursuit of it; and by frequent reviews, by the daily analysis of demonstrations, and the solution of problems original and selected, to aid him, as far as possible, in securing, not only an accurate and full knowledge of every subject of inquiry, but also a ready and skilful use of that knowledge.

It is proper to remark that any person who intends entering upon the foregoing mathematical course, should bring with him to the University a thorough knowledge of Arithmetic and the Elements of Algebra, including the first four chapters of Davies' Bourdon, or what is equivalent. This will hereafter be indispensable, as the class will commence Algebra at the *fifth chapter*, at the beginning of the 2d Term.

CHEMISTRY AND PHYSIOLOGY.

The course of instruction in this department extends through one year. The first term is occupied with Chemistry proper, Heat, Electricity, Galvanism and Magnetism. These sciences are taught exclusively by lecture. A portion of time is spent each day in examination on the lecture of the preceding day; and themes are assigned weekly, requiring of the student, either an elucidation of the more important doctrines included in these sciences, or their application to an explanation of the phenomena of nature, or the processes of art. Besides this elementary course in Chemistry, provision is made for a more advanced class of students, who may desire to pursue the science into its higher principles as well as its more extended details. The students belonging to this class have constant access to the laboratory where an opportunity is afforded them, not only of witnessing the preparations for the daily lectures, but of conducting under the eye of the Professor, such other processes as may serve to make them further acquainted with the laws of chemical re-action. The works of Johnston, Kane and Graham, are used by these classes as books of reference.

The second Term is occupied with animal and vegetable Physiology, including the classifications of Plants and Animals, as well as the description of their structures and functions. In that part of the course relating to the Anatomy and Physiology of man, particular reference is had to the laws of health and regimen. As during the preceding term, daily examinations are had in connection with the lectures, and also weekly exercises in themes. Provision is also made throughout this term for a more advanced class of students, who may desire to pursue the science by the aid of the knife and the microscope. There is also delivered during this term a course of lectures on Geology. These lectures are accompanied by cabinet and field illustrations.

RHETORIC AND ENGLISH LITERATURE.

The instruction in this department is confined to the third year of the regular course. It is given partly by lectures and partly by text-books. Its aim is to enable the pupil to write and speak his own language with correctness and elegance, to cultivate in him a literary taste, and to impart to him a knowledge of the history and literature of the English Language. A thorough acquaintance with the ordinary rules and principles of English Grammar is required of the student entering upon this course. He will be subjected to a rigid examination in these principles, when he presents himself for admission to College. In this examination the "Analysis of the English Language," by Professor S. S. Greene, is the text-book preferred.

The subjects embraced in this course of study during the first term are, the formation and combination of sentences, the nature and use of Figurative Language, the qualities of Style and the composition of Essays. Regular Exercises in Composition and Declamation are required of all the students who attend this course. Candidates for the degree of Master of Arts are required to attend the exercise in Declamation, during two years. The text-books used during the first term are, Campbell's Philosophy of Rhetoric, and Whately's Rhetoric.

The studies of the second term are Logic, and the higher branches of Rhetoric and Criticism, and the History of the English Language and Literature. The text-books used are, Whately's Logic and Rhetoric, and Shaw's English Literature. Lectures are also delivered during this term, in which the progress and developement of our Literature are traced from the time of the Anglo-Saxon, Anglo-Norman, and early English authors, through the successive periods of Chaucer, Spenser, Shakspeare,

&c., down to the present time. This course embraces biographical sketches of the principal authors, together with criticisms of their writings. In order to secure a more thorough acquaintance with the subject, the students are expected to present written themes on such leading topics as the Professor of Rhetoric may propose for examination.

HISTORY AND POLITICAL ECONOMY.

These branches of Education are now arranged in a department by themselves, and the instruction in them extends through one year. Classes in this department will hereafter be formed at the beginning of each collegiate year, which may be attended by candidates for either of the degrees, and by any other students who shall desire to pursue these courses of instruction.

The course in History commences with the fall of the Roman Empire, and embraces a general survey of the organization of European Society, and its progress in mediæval and modern times. It is designed to illustrate the origin and growth of modern civilization in the principal nations of Europe; the origin and the leading features of the English Constitution and the extension of the English race; the Colonial and Revolutionary history of the United States, together with the theory of the American Government, the history of its formation and the outlines of its successive administrations. A considerable portion of the instruction is given by lectures. In addition to these, the following works are at present in use, either as text-books or books of reference; Smyth's Lectures, Guizot's History of Civilization, Bayard and Story on the Constitution of the United States.

The course in Political Economy, is associated as closely as possible with the course in History. It is designed to explain the nature of national wealth, and the laws which regulate its production and accumulation, and the prosperity of nations, with illustrations from the history of the legislative enactments and economical arrangements which have prevailed in different ages and different countries. In all which, reference will be constantly made to the industrial progress and interests of our own people.

LATIN LANGUAGE AND LITERATURE.

The regular course of instruction in this department extends through two years. In each year there are sometimes six, and never less than five, exercises a week.

A third class will be formed for such as desire it.

The course is as follows:

I. In the first year: 1. During the First Term, Livy, (Lincoln's Selections) Arnold's Latin Prose Composition commenced, and Roman History. In History, the text-book is Putz's Manual of Ancient Geography and History, accompanied by the reading of Schmitz's History of Rome, (Andover edition.) Niebuhr's History of Rome, Niebuhr's Lectures on Roman History, Arnold's History of Rome, and Arnold's Later Roman Commonwealth, and Findlay's Ancient Atlas, are recommended to the student. 2. During the second term, Cicero de Senectute and de Amicitia, and Cicero's Brutus, or the Andria of Terence: Arnold's Latin Prose Composition completed.

II. In the second year: 1. First Term, The Odes, Satires and Epistles of Horace, (Lincoln's edition.) 2. The Germania and the Agricola of Tacitus, (Tylers edition) and Juvenal.

In the third class, (for the present year:) The Rhetorical works of Cicero, with lectures from the Professor on the history of Roman Eloquence.

The course is not restricted to the above authors, but may be varied in different years.

Throughout each year, the students present, on alternate weeks, exercises in Latin Composition, (independent of Arnold's text-book) and English exercises, consisting either of translations from the Latin, or of Essays on subjects connected with their Latin reading. These exercises are examined and corrected, and then returned, with explanatory remarks to the class.

The Latin Grammar used is Andrews' and Stoddard's. Zumpt's is recommended as a work for reference. Other books recommended, are Riddle and Arnold's English-Latin Lexicon, Smith's Dictionary of Antiquities, (the 2d edition, English, is the best) and Becker's Gallus.

The objects aimed at in the instruction are chiefly these: to enable the student, by thorough grammatical and exegetical study to read and write Latin with facility, and to pursue by himself, with pleasure and profit, the reading of such Latin books as may be recommended by the instructor; to cultivate, by a habit of faithful translation, his power of expression in his own language: and, by connecting the reading of classic Roman authors with continuous historical and literary illustration, to make the study of Latin an important means of increasing his knowledge and his mental culture.

MODERN LANGUAGES.

FRENCH.

FIRST TERM.

First Class. Fasquelle's French Course, with oral and written exercises, and exercises on the black board, in translating from French into English, and English into French.

Voltaire—Histoire de Charles XII.

SECOND TERM.

Grammar continued, with oral and written exercises.

Collot—First part of the Dramatic Reader.

Moliere—Bourgeois Gentilhomme.

Advanced Class. French Syntax, with oral and written exercises.

Bossuet—Oraison funebre de Louis de Bourbon.

Racine—Phedre, and Andromaque.

Collot—Second part of the Dramatic Reader.

Lectures on the history of the French Language and Literature.

GERMAN.

FIRST TERM.

Woodbury—With oral and written exercises.

Woodbury's Eclectical German Reader.

SECOND TERM.

Woodbury—Continued, with oral and written exercises.

Gothe—Gotz von Berlichingen.

Schiller—Wilhelm Tell.

Lectures on the history of the German Language and Literature.

ITALIAN.

Grammar with written and oral exercises.

Foresti's Italian Reader.

Tasso's Jerusalem Delivered.

Dante's Inferno.

Lectures on the history of the Italian Language and Literature.

The course in each language is intended to be critical, grounding the student thoroughly in grammatical principles, and accustoming him to the same rigorous analysis which is applied to the Latin and Greek, while at the same time he is prepared for writing and speaking by the constant use of oral and written exercises. The authors named are studied as specimens of national literature, and are made the subjects of special lectures.

NATURAL PHILOSOPHY.

The course of Natural Philosophy occupies one year, and comprises Mechanics, Hydrostatics, Pneumatics, Optics, Acoustics, and Astronomy.

The instruction is by illustrated and experimental lectures, accompanied by daily examinations on previous lectures, and exercises in application of the principles taught. A text-book is used in connection with the notes taken of the lectures, to aid in the preparation for recitation. The student is also directed to such other works as may assist him in obtaining a more extended knowledge of the subjects discussed.

The following are the text-books used:

Olmstead's Natural Philosophy; Jackson's Optics; Pierce's Treatise on Sound; Norton's Astronomy.

CIVIL ENGINEERING.

The full course of Civil Engineering occupies about a year and a half. It embraces the following studies and exercises:

Descriptive Geometry—Shades and Shadows—Linear Perspective—Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Millwork, and the measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction, in all its branches, and to the nature and preparation of the materials used.

Drawing.—Geometrical and Perspective—Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying, with Compass, Theodolite, &c.; Levelling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz: Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections: which make up the two years' course of Mathematics taught in the University.

Without this amount of preparation persons may be admitted to any portion of the above mentioned course which they are able to pursue to advantage.

GREEK LANGUAGE AND LITERATURE.

The regular course of instruction in this department extends through two years; in each of which there are generally five and sometimes six exercises a week. The course of study is as follows:

FIRST YEAR.

First Term.—Xenophon's Cyropædia, Boise's Greek Prose Composition, commenced. Exercises in written translation from Greek into English and from English into Greek.

Second Term.—The Memorabilia of Xenophon,—Boise's Greek Prose Composition completed,—Exercises in written translation, continued.

SECOND YEAR.

First Term.—Thucydides,—Lectures upon Grecian History, —Exercises in Greek Composition.

Second Term.—Homer's Iliad or Æschylus.

During this year essays are required on subjects connected with the authors read.

A third class in Greek is formed for those wish to pursue a more extended course.

The course of reading is not confined to the above authors but may be varied in different years.

The Greek Grammar used is that of Kuhner. The Lexicon that of Liddell and Scott. As works for reference: Smith's Dictionary of Antiquities and Becker's Charicles are recommended.

CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of Chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week, excepting Saturday, from 9 A. M., until 5 P. M. On Saturday during the forenoon only.

LECTURES.

A course of Lectures will be given during the winter term on the application of Chemistry to the Arts, in which the more important processes will be explained; a sketch given of their history and progress, and the class informed of such improvements as may have come to the knowledge of the scientific world.

Without proposing to make this course in any sense a substitute for the more complete and thorough method of experimental study, it is believed that it may be made worthy the attention of those, who being interested in the application of Chemistry, have not the leisure for the pursuits of the Laboratory.

EXPENSES.

All the apparatus required will be furnished the student and charged to his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alcohol, Gas and all other materials required, use of apparatus, fuel and other current expenses, per term, - - - - - - -	$55.00
Fee for instruction, - - - - - - - - - - - - -	30.00
Total, - - - - - - - - -	$85.00

A reasonable deduction is made in the case of those students who devote only a portion of their time to this department.

The above charge for Chemicals, materials, &c., is intended merely to cover the average cost. If the cost falls below the charge specified a deduction will be made accordingly.

DIDACTICS.

This department is opened for all those who wish to become professional teachers. A course of lectures commencing on the 5th of November, will be given on the habits of mind necessary to eminent success in teaching; the relation of the teacher to the pupil; the principles which should guide in the organization of a school; the arrangement and adaptation of studies to the capacity of the learner; the influences to be employed in controlling the passions, forming the habits and elevating the tastes of the young; and on the elements of the art of teaching, or the best methods of imparting instruction in Reading, Grammar, Geography, History, Mathematics, Language and the various other branches taught in our higher Seminaries. All these lectures are accompanied with practical exercises, in which each member is to participate.

For the benefit of Teachers generally, a class has already been formed, consisting of persons not connected with the University. Lectures are given at the lecture room of the High School, on Benefit Street, twice a week, on the various topics embraced in a course of elementary teaching.

SECTION IV.

LIBRARIES.

The University Library is in Manning Hall, and contains at present, upwards of 24,000 well selected volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25.000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M., till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise together nearly 7,000 volumes, accessible to all the students of the University.

OF PREMIUMS.

The sum of four hundred and twenty dollars is annually awarded in premiums to undergraduates who have attained to distinguished excellence in the various departments of study.

The University Premiums are derived from a legacy of the late Hon. Nicholas Brown. The statutes by which the award of them is governed, are the following:

1. The competition for the University Premiums is open only to those students who are candidates for some one of the degrees conferred by the University.

2. No student shall be admitted as a candidate for a premium, who does not sustain an irreproachable moral character, and who is not punctual in his attendance upon all collegiate exercises.

3. No student shall be a competitor for a premium whose average standing for the year is below 15, the maximum of standing being 20.

4. No student shall be a competitor for more than one premium, whose average standing for one year is below 18.

5. The following premiums are offered for the present year:

A first premium of fifteen dollars, and a second premium of ten dollars, to the first and to the second class in Greek, to the first and to the second class in Latin, to the first and to the second class in Mathematics, and to the first class in French.

A first premium of seventeen dollars, and a second premium of fifteen dollars, to the class in English Literature, to the class in Natural Philosophy, and to the class in Physical Science.

A premium of seventeen dollars to the third class in Greek, to the third class in Latin, and to the third class in Mathematics.

A first premium of twenty dollars, and a second of seventeen dollars to the class in History, and to the class in Intellectual and Moral Philosophy.

The papers of the undergraduates, who are candidates for degrees at the close of the present collegiate year, must be presented to the President on or before the *fourth day* of June; and the papers of all others must be presented on or before the *second day* of July.

The problems in Natural Philosophy and Mathematics, will be presented to competitors at the examination for premiums in those departments.

The themes for University Premiums for the present year are the following:

For the First Class in Greek;

A Greek translation of the passage in Thirlwall's History of Greece, Chap. vi, beginning with "It was a natural effect, &c.," and ending with "through many generations."

For the Second Class in Greek;
A Greek dissertation on "The life and character of Pericles."

For the Third Class in Greek;
A Greek dissertation on "The influence of the Sacred Games."

Examiners, Professor WHEELER,
MERRICK LYON,
JAMES TILLINGHAST.

For the First Class in Latin:
"Pugnæ Cannensis descriptio."

For the Second Class in Latin;
"Amor patriæ quantus fuerit apud Romanos, exemplis probetur."

For the Third Class in Latin;
"Washingtonius et Cincinnatus inter se comparati."

Examiners, Professor LINCOLN,
H. S. FRIEZE,
ALBERT HARKNESS.

For the First Class in French;
"The visit of Lafayette to America in 1824."

Examiners, Mr. JILLSON,
T. P. SHEPARD, M.D.,
WILLIAM GODDARD,
ISAAC PROUD.

For the Class in English Literature;
"The Origin and Early History of the English Drama."

Examiners, Professor DUNN,
Rev. F. H. HEDGE,
THOMAS DURFEE.

For the Class in Physical Science;
"Caloric considered as a promoter and modifier of Chemical Action."

Examiners, Professor CHACE,
C. W. PARSONS, M. D.,
J. W. C. ELY, M. D.

For the Class in History;
"The War of the Roses."

Examiners, Professor GAMMELL,
ABRAHAM PAYNE,
Hon. S. G. ARNOLD.

For the Class in Intellectual and Moral Philosophy;

"Realism and Idealism; the arguments for each, stated and compared."

Examiners, President WAYLAND,
J. KINGSBURY,
Rev. LEONARD SWAIN.

The Examiners for the Premiums in Mathematics, are—

Professor CASWELL,
MOSES B. LOCKWOOD,
CALEB FARNUM.

The Examiners for the Premiums in Natural Philosophy and Civil Engineering, are—

Professor DAY,
Z. ALLEN,
GEORGE L. COLLINS, M. D.,
S. B. CUSHING.

The Examiners in Chemistry applied to the Arts, are—

Professor CHACE,
T. P. SHEPARD, M. D.,
W. W. PEARCE.

THE PRESIDENT'S PREMIUMS.

THESE Premiums are awarded to those students entering as candidates for the degree of A. B. or of A. M., who have attained the highest excellence in the studies preparatory to admission to the University.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Greek Language.

A first premium of fifteen dollars and a second of ten dollars, are awarded for excellence in the Latin Language.

The examination for the President's Premiums is held on the second Saturday of the first Collegiate term. The competitors will be examined in the studies preparatory for entrance, and especially in the first six books of the Æneid of Virgil, and the first three books of Xenophon's Anabasis. The examiners are the Professor of Latin, the Professor of Greek, and Mr. James Tillinghast.

SECTION V.

DIRECTIONS FOR STUDENTS.

1. The terms of the University always commence on Friday. This and the following days are occupied in making the necessary preliminary arrangements. Every student is expected within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he intends to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

4. In case of absence, a student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

5. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

6. At 12 o'clock M., of every day, all absences which have occurred during the previous twenty-four hours, are reported to the Regent.

7. Absence from any exercise, without excuse always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency without excuse, in any literary exercise.

8. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student, of the fact; and when his demerits amount to 100, to dismiss him from the University.

9. After reports are entered on the books of the Register, no alterations can be made on account of negligence to present an excuse on the part of the student.

10. Candidates for admission are required to present to the President adequate certificates of unquestionable moral character.

EXAMINATIONS.

Every Class is examined in the studies which it has pursued, during the last week of each term. These examinations are conducted in writing. Questions prepared by the committees of examination are presented to each student in each lecture room, and he is required, within a specified time, to return his answers in writing. From the aggregate value of his answers, his standing by examination is determined.

The examinations for admission to the University are held on Thursday, Friday and Saturday of Commencement week, and on Thursday, Friday and Saturday of the first week of the second collegiate term.

MISCELLANEOUS.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5.00.

The fee for each course, exclusive of the special courses, is per term $6.00.

The Special Courses are the private class of the Professor of Chemistry and Physiology; the class in Analytical Chemistry; the class in Civil Engineering; the class in Agriculture; and in Chemistry applied to the Arts.

For the class in Civil Engineering, and in Chemistry applied to the Arts, per term, the fee is $30.00.

Rooms are furnished in the college buildings, if two students occupy the same room, at $4.50 per term, or $9.00 per year.

If a student occupy a room alone, his rent is doubled.

Board is not furnished in college. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:—

Board at from $1.75 to $2 50 per week. Board and lodging with furnished rooms, in some cases washing or fuel included, from $2.75 to $3.50 per week. The other expenses are, per term:—Use of Library, $1.50; Register's Salary, $2.00; Servants' hire for those rooming in College, $3.50; for those that room in town, $1.50; Repairs and Public Fuel, from $1.25 to $1.40 each.

CALENDAR.

Commencement, - - - - -	First Wednesday in September.
First Exhibition, - - - - -	Third Saturday in November.
Second Exhibition, - - - -	Second Saturday in May.

The Academical Year is divided into two terms of twenty weeks each.

First Term begins, - - - -	Friday following Commencement.
" " ends, - - - -	Thursday, January 20.
Second Term begins, - - -	Friday, February 18.
" " ends, - - -	Thursday, July 7.
Winter Vacation, - - -	From January 21 to February 17.
Summer Vacation, - - -	From July 8, to Commencement.

A

CATALOGUE

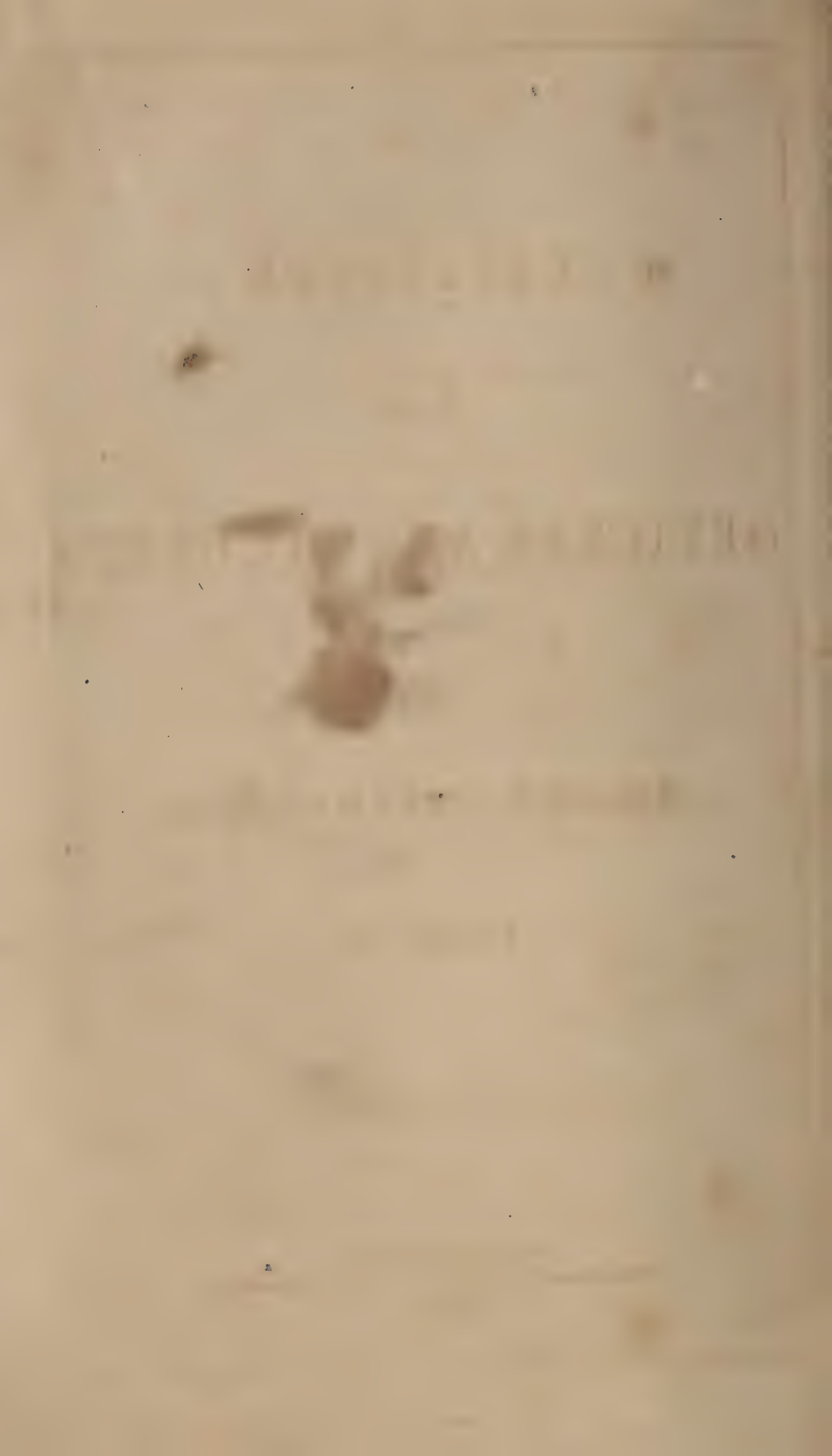
OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1853-54.



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Joseph C. Wightman,	Montville, Conn.,	Mr. Thompson's.

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Samuel Austin Read,	Worcester, Mass.,	30 U. H.
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Horatio Nelson Slater, Jr.,	Providence,	Mr. Slater's
Charles Andrew Snow,	Providence,	38 H. C.
Edward Padelford Taft,	Providence,	Mr. Taft's
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Theodore Andrews,	Providence,	Mr. Andrews's
Henry Waterman Arnold,	Providence,	Mrs. Z. Arnold's
Frank Bailey,	Hopkinton, N. H.,	21 H. C.
Caleb Bates,	Cincinnati, Ohio,	Mr. S. Smith's
Morris Bosworth Beckwith,	Great Barrington, Mass.,	42 H. C.
Louis Bell,	Chester, N. H.,	16 U. H.
Charles Blake,	Bristol,	Miss Easton's
John Wilkes Bigelow,	Grafton, Mass.,	35 H. C.
Nicholas Brown Bolles,	Providence,	Mrs. Bolles's
Julius Bond,	Hartford, Conn.,	49 U. H.
Nathaniel Greene Bonney,	Fall River, Mass.,	57 U. H.
‡John Brand,	Providence,	54 U. H.
Charles Brooks,	Holden, Mass.,	54 U. H.
Horace Earle Brooks,	Worcester, Mass.,	Mrs. Storrs's
Franklin Burdge,	New York, N. Y.,	44 U. H.
Francis Colwell, Jr.,	Providence,	38 U. H.
Freeman Cornish,	Plymouth, Mass.,	24 H. C.
†James Gould Cozzens,	Newport,	
Henderson Crawford,	Attakapas, La.,	Mrs. Whipple's
Samuel Leonard Crocker, Jr.,	Taunton, Mass.,	8 H. C.
William Baylies Crocker,	Taunton, Mass.,	36 U. H.
Samuel Cushman, Jr.,	S. Attleborough, Mass.,	43 H. C.
James Madison Cutts, Jr.,	Washington, D. C.,	Mr. Bean's
William Willard Earle,	Worcester, Mass.,	Mr. Vose's

NAMES.	RESIDENCE.	ROOMS.
Thomas Ewing,	Lancaster, Ohio,	Mr. Bean's.
James Williams Edgar,	Indianapolis, Ia.,	Miss Paine's.
Joel Fisher Fales,	Walpole, Mass.,	100 Smith Street.
‡Emory Fay,	Grafton, Mass.,	21 H. C.
Charles Esbon Fisk,	Providence,	Mrs. Fisk's.
William Fitz,	Boston, Mass.,	23 H. C.
Henry Thweatt Fore,	Charlotte, Va.,	Mrs. Storrs's.
Thomas Williams Fox,	Worcester, Mass.,	Mr. Williams's.
Isaac Hawley Gilbert,	Easton, Conn.,	Mr. Vose's.
Charles Bradford Goff,	Fall River, Mass.,	13 H. C.
David Harvey Goodell,	Antrim, N. H.,	56 U. H.
†George Hallett,	Providence,	Mr. Hallett's.
Charles Henry Hazard,	S. Kingstown,	Mrs. Watts's.
Ezra Hervey Heywood,	Hubbardston, Mass.,	17 U. H.
Nathaniel P. Hill,	Montgomery, N. Y.,	15 H. C.
George Frederic Hoppin,	Providence,	Mr. Hoppin's.
Charles Hutchins,	Wilmington, Del.,	42 H. C.
Moses Brown Jenkins,	Providence,	Mr. T. F. Hoppin's.
William Warren Johnson,	Franklin, La.,	Mr. Vose's.
‡John Henry Johnson.	Providence,	Mr. Johnson's.
Uriah William Lawton,	S. Westport, Mass.,	17 U. H.
Thomas La Due,	Wilmot, Wis.,	19 H. C.
†George Washington Lemon,	Georgetown, Ky.,	Mr. Smith's.
Edward Francke Leonard,	Providence,	Mrs. Leonard's.
Watts Todd Loomis,	Little Falls, N. Y.,	26 H. C.
James McAlister,	Waukesha, Wis.,	56 U. H.
Nicholas McCarty,	Indianapolis, Ia.,	43 U. H.
Joseph Russell Mauran,	Providence,	Dr. Mauran's.
Morris Barker Morgan,	Baton Rouge, La.,	Mr. Barker's.
William Herbert Morrison,	Indianapolis, Ia.	58 U. H.
Charles Mott,	New Haven, Conn.,	36 U. H.
Richard Olney,	Oxford, Mass.,	Mrs. Ellis's.
William Henry Otis,	Cleveland, Ohio,	19 U. H.
John Pierce,	Providence,	Mr. Padelford's.
Dwight Platt Perry,	Clarkson, N. Y.,	26 H. C.

NAMES.	RESIDENCE.	ROOMS.
Benjamin Lincoln Ray,	Providence,	44 H. C.
Joseph Sherwood Raymond,	Lebanon, Conn.,	Mrs. Helme's.
Joseph Warren Reed,	Danvers, Mass.,	43 H. C.
Francis Wayland Reynolds,	Boston, Mass.,	Dr. Wheaton's.
Frank Augustus Rhodes,	Providence,	Mrs. Rhodes's.
Stoney Jehu Robert,	Marietta, Ga.,	Mrs. Wickes's.
Benjamin Franklin Robert,	Marietta, Ga.,	Mrs. Wickes's.
Horatio Rogers, Jr.,	Providence,	Mr. H. Rogers's.
Enoch Warren Sanford,	Raynham, Mass.,	24 H. C.
Amos Joseph Saunders,	Rowley, Mass.,	26 U. H.
Sherman Gibson Smith,	Stepney Conn.,	Mr. Vose's.
Henry Nettleton Snyder,	Clarkson, N. Y.,	1 H. C.
Christopher Rhodes Stafford,	Providence,	Mr. Stafford's.
Samuel Starkweather,	Cleveland, Ohio,	19 U. H.
George Lavater Stedman,	Southbridge, Mass.,	10 H. C.
James Monroe Stone,	Kennebunkport, Me.,	26 U. H.
Abner Dunsmore Strong,	Ashtabula, Ohio,	Mrs. Conklin's.
Alexander Viets Griswold Taylor,	Providence,	Mr. J. Taylor's.
Horace Clark Taylor,	Norwich, Mass.,	29 H. C.
John Eaton Tourtellotte,	Thompson, Conn.,	Mr. Merriam's.
Walter Spooner Thornton,	New Bedford,	Dr. Wheaton's.
William Henry Tefft,	Greenwich, N. Y.,	9 H. C.
Charles Turner,	New London, Conn.,	5 H. C.
William Williams Walker,	Cooperstown, N. Y.,	Mrs. Ellis's.
William Watson Waterman,	E. Attleborough, Mass.,	Dr. Parsons's.
Amos Palma Wells,	S. Kingstown,	Mrs. Crandall's.
Francis Wayland White,	Winchendon, Mass.,	11 H. C.
Gardner Matteson Wickes,	Providence,	Mr. Wickes's.
Lucien Woolfolk,	Bedford, Ky.,	Mrs. Ellis's.
Alfred Hammond Young,	Wickford,	37 U. H.

UNDERGRADUATES

OF ONE YEAR'S STANDING.

NAMES.	RESIDENCE.	ROOMS.
Edmund Aldrich,	Providence,	Mr. E. Aldrich's.
Elisha Smith Aldrich,	Glocester,	36 H. C.
John Rutledge Alston,	Georgetown, S. C.,	Mr. Vose's.
George Frederic Andrews,	Providence,	Mr. Andrews's
Franklin Ripley Barrett,	Portland, Me.,	Dr. Wheaton's.
George Potter Barrett,	Portland, Me.,	Dr. Wheaton's.
William McConnell Blake,	Indianapolis, Ill.,	Miss Paine's.
William Henry Bowen,	N. Providence,	Mr. Bowen's.
John Billings Brackett,	Woburn, Mass.,	4 H. C.
Andrew Dexter Bullock,	Taunton, Mass.,	Miss Peck's.
Charles Ambrose Cargill,	Cumberland,	30 H. C.
Caleb Henry Carlton,	Cleveland, Ohio,	Mr. Bean's.
George Wheaton Carr,	Pawtuxet,	53 U. H.
Charles Henry Childs, Jr.,	Providence,	Mr. Childs's.
Edward Clark,	Northeast, N. Y.,	Mrs. Ellis's.
Charles Linnaeus Comfort,	Philadelphia, Penn.,	Mr. Vose's.
James Coolidge,	Orange, Mass.,	Mrs. Ellis's.
Edward Hutchins Cutler,	Providence,	Mr. Cutler's.
Frederic Danne,	New York, N. Y.,	Miss Smith's.
William Burdick Dart,	Providence,	Mr. Dart's.
Thomas Dean,	Providence,	Mr. Dean's.
William Lindley Dean,	N. Ferrisburg, Vt.,	Mr. J. Meader's.
John Halsey DeWolf,	Providence,	Dr. DeWolf's.
George Dudley Dodge,	Hampton Falls, N. H.,	Mr. Thompson's.
Samuel Coffin Eastman,	Concord, N. H.,	19 H. C.
John Russell Fairbanks,	Providence,	Mr. Fairbanks's.
Louis Falligant,	Savannah, Ga.,	24 U. H.
Simon Judson Fletcher,	Northbridge, Mass.,	4 H. C.
Thomas Williams Fox,	Worcester, Mass.,	Mr. Williams's.

NAMES.	RESIDENCE.	ROOMS.
Israel Gates,	Hopkinton,	45 U. H.
Henry Peck Gerrish,	East Salisbury, Mass.,	Mrs. Ellis's
Sheridan Pease Gillette,	Ravenna, Ohio,	Mr. Vose's
Joseph Henry Gilmore,	Concord, N. H.,	Mr. Thompson's
Charles William Gladding,	Providence,	Mrs. Gladding's
Daniel Goodwin,	Wilkinsonville, Mass.,	Rev. H. Waterman's.
William Harkness,	Providence,	Mr. Thurber's
George Henry Hawes,	Louisville, Ky.,	Mr. Hawes's
John Newbold Hazard,	South Kingstown,	Mr. S. Smith's
James Brown Herreshoff,	Bristol,	Miss Easton's
Rollin Neale Hill,	Boston, Mass.,	Mrs. Peck's
Robert Hale Ives,	Providence,	Mr. R. H. Ives's
Caleb Bates Joslin,	Pembroke, Mass.,	48 U. H.
Elisha Capron Mowry,	Sheboygan, Wis.	Mr. Scott's
William Evans Norris,	Pittsfield, Ill.,	45 U. H.
Frederick Paine,	Providence,	Capt. Paine's
Edwin Sheldon Pease,	Somers, Conn.,	17 H. C.
John James Phillips,	Wickford,	37 U. H.
Albert Hale Plumb,	Buffalo, N. Y.	Mr. S. Smith's
Daniel Bullard Pond,	Woonsocket,	20 H. C.
Reuben Brooks Pool,	Rockport, Mass.,	30 H. C.
Charles Hudson Pope, Jr.,	Providence,	Mr. J. T. Rhodes's.
Nathaniel Frothingham Potter, Jr.	Providence,	Mr. N. F. Potter's
Robert Westcott Potter, Jr.,	Providence,	Mr. R. W. Potter's.
Silas Bundy Rawson,	Worcester, Mass.,	35 H. C.
Enoch Robinson, Jr.,	Taunton, Mass.,	52 U. H.
Theodore Robinson,	Taunton, Mass.,	52 U. H.
Thacher Newton Snow,	Orleans, Mass.	14 H. C.
James Granville Sproat,	Wareham, Mass.,	29 H. C.
Jonah Parsons Stone,	Camden, N. Y.,	Mr. Work's
William Leete Stone,	Saratoga, N. Y.,	Mr. Hodann's
Addison Ames Stuart,	Sterling, Mass.,	14 H. C.
Samuel Sands Swisher,	Grovepost, Ohio,	Miss Peck's
George Tanner,	Voluntown, Conn.,	57 U. H.
Lyman Beecher Tefft,	Exeter,	37 H. C.

NAMES.	RESIDENCE.	ROOMS.
Samuel Thurber,	Providence,	Mr. E. Thurber's.
David Albert Titcomb,	Lynnfield, Mass.,	48 U. H.
Samuel Davies Tobey,	Warren,	53 U. H.
Charles Warren Torrey,	New York, N. Y.,	Miss Smith's.
Levi Augustus Tower,	Pawtucket,	Mr. Tower's.
Nahum Mitchell Tribou, Jr.,	Middleborough, Mass.,	22 U. H.
William Aborn Tucker,	Providence,	Mr. J. Tucker's.
Louis DeWitt Tulane,	Princeton, N. J.,	Miss Peck's.
William Mason Turner,	Hicksford, Va.,	24 U. H.
James Madison Wetherell,	Taunton, Mass.,	Miss Peck's.
Robert Wheaton,	Providence,	Mr. Wheaton's.
William Albert White,	Middleborough, Mass.,	22 U. H.
Furman Read Whitwell Jr.,	Fair Haven, Mass.,	Dr. Wheaton's.
Thomas Rodolph Williams,	Alfred, N. Y.,	Mrs. Ellis's.
Charles Hiram Wood,	North Lyme, Conn.,	17 H. C.
Frederick Wood,	New York, N. Y.,	Dr. Wheaton's.
Josiah Gordon Woodbury,	Bedford, N. H.,	Mr. Vose's.

STUDIES ATTENDED.

Intellectual Philosophy,	54
Calculus,	4
Trigonometry,	65
Geometry,	74
Chemistry,	82
Analytical Chemistry,	13
History,	40
Second Latin,	53
First Latin,	54
Rhetoric,	63
Advanced French,	8
French,	58
German,	25
Natural Philosophy	36
Civil Engineering,	15
Third Greek,	6
Second Greek,	24
First Greek,	38

ABBREVIATIONS.

U. H.	University Hall.
H. C.	Hope College.
†	Dismissed by request.
‡	Absent by permission.

SUMMARY.

Resident Graduates,	6
Undergraduates of four years' standing,	38
" " three " "	64
" " two " "	94
" " one " "	81
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Candidates for the Degree of A. M.,	126
" " " " " A. B.,	48
" " " " " B. P.,	25
Students pursuing a Select Course,	84
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Students from Rhode Island,	90
" " Massachusetts,	81
" " Connecticut,	19
" " New York,	18
" " New Hampshire,	10
" " Ohio,	10
" " Maine,	9
" " Pennsylvania,	8
" " Indiana,	4
" " Louisiana,	5
" " Kentucky,	4
" " Wisconsin,	4
" " Georgia,	4
" " Vermont,	3
" " Illinois,	2
" " Virginia,	2
" " North Carolina,	1
" " South Carolina,	1
" " Missouri,	1
" " Michigan,	1
" " Delaware,	1
" " New Jersey,	1
" " District of Columbia,	1
" " Nova Scotia,	1
" " Burmah,	1
" " New Brunswick,	1
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SECTION I.

ORGANIZATION OF THE UNIVERSITY.

The Laws of the University direct that the Courses of Study shall be so arranged as to accomplish, as far as possible, the following objects:

"1. To enable a student to pursue to the best advantage, any single course which he may choose.

2. To enable a student to pursue for a single term, a single year, or any other portion of time, such studies as he may believe to be for his advantage.

3. To allow students who are candidates for degrees, to pursue the studies necessary for a degree in a longer or a shorter time, as their age, ability, or pecuniary circumstances may render convenient for themselves; the Faculty, however, having the right to direct the studies of such students in such manner as may prevent idleness on the one hand, or superficial haste on the other."

The various classes are organized in conformity with the above enactments. Hence, students may be admitted either as candidates, or not as candidates, for a degree. Those who are not candidates for a degree, are at liberty to pursue the studies of such classes as they may select; unless, however, special permission be granted to the contrary, they are subjected to the same examinations, and are, equally with other students, amenable to all the laws of the University. Students, not candidates for a degree, are examined for entrance, only in so far as to ascertain their ability to pursue the studies of the class or classes which they propose to enter.

The degrees conferred upon students of this University are three: those of Bachelor of Philosophy, Bachelor of Arts, and Master of Arts. The student or his parents select the degree for which he becomes a candidate.

No student shall be admitted a candidate for the degree of Master of Arts, unless he sustain his examinations satisfactorily in Arithmetic and in Algebra as far as Quadratic Equations, in Ancient and Modern Geography, English Grammar and the use of the English Language, and in the Latin and Greek Languages. He must be able to translate and analyze grammatically the Greek Reader, or an equivalent portion of some classical Greek Author; the Æneid of Virgil, Cæsar's Commentaries, and Six Orations of Cicero, or an equivalent amount of Latin, and be able to translate English into Latin and Greek. The object of the examination is to ascertain whether the student be well grounded in the ordinary branches of an English Education; and also, whether he be able to advance beyond the study of grammatical analysis, and direct his attention to the sentiments and course of thought of a classical author, and acquire a knowledge of the general principles of interpretation. Each Professor is the examiner in his own department, and is charged with the duty of seeing that these requirements are fulfilled.

For entrance for the degree of Bachelor of Arts the examinations are the same, except that the candidate need be examined only in the preparatory studies of that ancient language which he intends to pursue, if he elect to pursue only one.

Candidates for the degree of Bachelor of Philosophy, must be examined in a similar manner in all the above studies, with the exception of the Ancient Languages and Ancient Geography.

A student who is a candidate for a degree, entering upon advanced standing, must be examined in all the studies which students of the same standing have previously pursued.

It is the intention of the Corporation that the examinations for entrance be definite and thorough. The prescribed attainments in Arithmetic, Algebra, English Grammar, and Geography, are strictly required.

No student shall be admitted as a candidate for matriculation, unless he bring suitable testimonials of good moral character; and if

he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in the institution which he has left.

The earliest age at which, in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

The form of matriculation is as follows:—A student who wishes to become a member of the University, must first present his testimonials to the President, who if satisfied with his evidences of good character, will admit him as a candidate to be examined for admissson. If his examination be satisfactory, the student shall procure and read a copy of the Laws of the University, after which he shall call again upon the President and sign a declaration of his deliberate intention to obey all the laws of the University, so long as he shall remain a member of it. The President shall then give him a certificate of Matriculation, which will entitle him to purchase his tickets and proceed with the studies of his class.

As soon as the student is matriculated, (if he be a minor,) the President shall send by mail to his parent or guardian, a copy of the laws of the University.

SECTION II.

OF DEGREES.

The regular Degrees conferred in this University are the Degrees of Bachelor of Arts, Bachelor of Philosophy, and Master of Arts.

The Degree of Bachelor of Arts is designed especially for those who desire to prepare themselves for the different professions, and yet, from unavoidable circumstances, are unable to pursue a complete course of liberal education. In order to render it accessible to such students, the number of studies is limited, and some liberty of choice is granted, that they may be enabled to select such studies as will the better enable them to prepare themselves for a particular profession.

In order to become a candidate for the degree of Bachelor of Arts, the student having been regularly examined for entrance, must be proficient in nine courses of one year each. These must be two courses in an Ancient Language, one in a Modern Language, one in Mathematics, one in Rhetoric, one in History and one in Intellectual and Moral Philosophy. The two remaining courses must be selected from the courses in Natural Philosophy, Chemistry and Physiology, Didactics, Political Economy and Geology, or from advanced courses in any of the other departments.

The Degree of Bachelor of Philosophy is designed for those students who are intended for the pursuits of active life. It is the wish of the Corporation to make the requirements for obtaining it such as will confer a high degree of intellectual culture, without the necessity of studying the Ancient Languages.

For the Degree of Bachelor of Philosophy, the candidate having entered by regular examination, must be proficient in nine courses of one year each. These must be one in Mathematics, one in a Modern Language, one in Rhetoric, one in Chemistry and Physiology, one in Natural Philosophy, one in History, and one in Intellectual and Moral Philosophy. The two remaining courses must be selected from Didactics, Political Economy, Geology, a second Modern Language, or from advanced courses in any of the other departments.

A student who attends for two years the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall, in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

The candidates for these degrees will then be examined in the manner above specified, in three of the studies in which they have been proficients. The studies in which the examinations will be held, will be made known to the University at the beginning of the term immediately preceding Commencement.

The Degree of Master of Arts is intended for those students who desire to pursue a full course of liberal education. In order to become a candidate for this degree, the student must obtain certificates of proficiency in the following courses of instruction:—

Each of the Ancient Languages for one year and a half,
Mathematics for one year and a half,
One Modern Language for one year,
Natural Philosophy for one year,
Rhetoric and English Literature for one year,
Chemistry and Physiology for one year,
History for one year,
Intellectual and Moral Philosophy for one year.

The remaining courses required for this degree must be selected from the courses in Political Economy, Geology, Didactics, a second Modern Language, or from advanced courses in any of the other departments.

He must also be examined in the Ancient Languages, in Natural Philosophy, and in three other studies to be appointed by the Fac-

ulty; and he shall not be entitled to a degree unless his answers attain to 25 per cent. of the maximum established by the Faculty. The examination in the Ancient Languages shall include passages from an author in Latin and in Greek, which have not been read by the class in the regular course of instruction.

It is the design of the Corporation to require for the Degrees of Bachelor of Arts and of Philosophy, an amount of study which *may* be accomplished in three years, but which may, if he pleases, occupy the student profitably for four years; and to require for the Degree of Master of Arts an amount of study which *may* be accomplished in four years, but which, if generously pursued, may occupy the student with advantage a considerably longer time. And the Faculty have the power to direct in all cases the discontinuance of a third study, or the addition of a third to two already pursued, if such diminution or addition of labor will, in their opinion, be for the advantage of the student. Whenever a study is postponed, the ticket which the student has purchased shall be available for the same course at any subsequent time without additional charge.

From the above extracts from the Laws, it will be seen, that any person wishing to pursue his studies at this University, may determine for himself whether he will or will not become a candidate for a degree, and he may, if his examinations in the required studies be satisfactory, select the degree for which he will become a candidate. Those who are not candidates for a degree will be subject to the same laws, and pass the same examinations as those who are candidates, and will be entitled to certificates of standing and proficiency. Those who are candidates for a degree must pursue such courses as are required for that degree, and sustain satisfactorily all the examinations established by the laws.

The degree of Bachelor of Arts or that of Bachelor of Philosophy, does not entitle the graduate to the degree of Master of Arts in course. The latter degree is conferred on those only who have pursued the full course of instruction prescribed by the statutes of the University.

SECTION III.

THE COURSES OF STUDY PURSUED IN THE UNIVERSITY DURING THE PRESENT YEAR, ARE THE FOLLOWING:

INTELLECTUAL AND MORAL PHILOSOPHY.

The study of Intellectual Philosophy commences with the opening of the collegiate year, and continues to the close of the first term. Lectures are delivered five times in each week, unless when one day in the week is occupied in review, and then four lectures are delivered. One hour and twenty minutes are allotted to each lecture; twenty minutes being devoted to examination on the lecture of the preceding day. The books of reference used in this course are Locke on the Understanding, Reid's and Stewart's Works, Cousin's Psychology, Brown's Philosophy, and Abercrombie on the Intellectual Powers. Copies of the above works, in sufficient number for the use of the class, are placed in the Library. Essays on subjects previously assigned are presented weekly by the members of the class.

The study of Moral Philosophy commences with the opening of the second term, and is pursued in a similar manner. In connection with the course in Moral Philosophy, lectures are delivered on the Evidences of Revelation.

MATHEMATICS AND PHYSICAL ASTRONOMY.

The course of Mathematics and Physical Astronomy extends through two years and a half, and embraces the following subjects, viz :—

1. Plane and Solid Geometry.
2. Algebra.
3. Trigonometry, Plane and Spherical.
4. Analytical Geometry.
5. Differential and Integral Calculus.
6. Analytical Mechanics.
7. Physical Astronomy.

The time given to each is nearly as follows, viz :—

FIRST YEAR.

FIRST TERM.	TEXT BOOKS.
Plane and Solid Geometry, - - -	*Davies's Legendre.*
SECOND TERM.	
Algebra, beginning at Chapter 5th, including the Theory of Logarithms, - - -	*Davies's Bourdon.*

SECOND YEAR.

FIRST TERM.	
Plane and Spherical Trigonometry, with applications to practical problems, and the use of Logarithms, - - - -	*Loomis or Davies's Legendre.*
Analytical Geometry, - - - -	*Davies or Church.*

THIRD YEAR.

FIRST TERM.	
Differential and Integral Calculus, - -	*Davies or Church.*

The object of the Mathematical course is twofold :

First, As a part of general education, to exercise the student in the process of exact reasoning, and thus secure to the mind a thorough logical discipline; and

Secondly, As a part of special education, to prepare him for original mathematical investigations, and for the varied applications of mathematical and mechanical science to practical purposes.

The studies in this department will generally be prosecuted in connection with text-books. In addition, however, to the recitations and the discussions connected with them, lectures will occasionally be given upon the history and applications of the science. It will be the constant aim of the instructor to awaken in the pupil a generous love of science, and incite him to vigorous and persevering efforts in the pursuit of it; and by frequent reviews, by the daily analysis of demonstrations, and the solution of problems original and selected, to aid him, as far as possible, in securing, not only an accurate and full knowledge of every subject of inquiry, but also a ready and skilful use of that knowledge.

It is proper to remark that any person who intends entering upon the foregoing mathematical course, should bring with him to the University a thorough knowledge of Arithmetic and of the elements of Algebra, including the first four chapters of Davies's Bourdon, or what is equivalent. This will hereafter be indispensable, as the class will commence Algebra at the *fifth chapter*, at the beginning of the second Term.

CHEMISTRY AND PHYSIOLOGY.

The course of instruction in this department extends through one year. The first term is occupied with Chemistry proper, Heat, Electricity, Galvanism and Magnetism. These sciences are taught exclusively by lecture. A portion of time is spent each day in examination on the lecture of the preceding day; and themes are assigned weekly, requiring of the student, either an elucidation of the more important doctrines included in these sciences, or their application to an explanation of the phenomena of nature, or the processes of art. Besides this elementary course in Chemistry, provision is made for a more advanced class of students, who may desire to pursue the science into its higher principles as well as its more extended details. The students belong to this class have constant access to the laboratory where an opportunity is afforded them, not only of witnessing the preparations for the daily lectures, but of conducting under the eye of the Professor, such other processes as may serve to make them further acquainted with the laws of chemical re-action. The works of Kane and Graham, are used by these classes as books of reference.

The second Term is occupied with animal and vegetable Physiology, including the classifications of Plants and Animals, as well as the description of their structures and functions. In that part of the course relating to the Anatomy and Physiology of man, particular reference is had to the laws of health and regimen. As during the preceding term, daily examinations are had in connection with the lectures, and also weekly exercises in themes. Provision is also made throughout this term for a more advanced class of students, who may desire to pursue the science by the aid of the knife and the microscope. There is also delivered during this term a course of lectures on Geology. These lectures are accompanied by cabinet and field illustrations.

RHETORIC AND ENGLISH LITERATURE.

The instruction in this department is confined to the third year of the regular course. It is given partly by lectures and partly by text-books. Its aim is to enable the pupil to write and speak his own language with correctness and elegance, to cultivate in him a literary taste, and to impart to him a knowledge of the history and literature of the English Language. A thorough acquaintance with the ordinary rules and principles of English Grammar is required of the student entering upon this course. He will be subjected to a rigid examination in these principles, when he presents himself for admission to College. In this examination the "Analysis of the English Language," by Professor S. S. Greene, is the text-book preferred.

The subjects embraced in this course of study during the first term are, the formation and combination of sentences, the nature and use of Figurative Language, the qualities of Style and the composition of Essays. Regular Exercises in Composition and Declamation are required of all the students who attend this course. Candidates for the degree of Master of Arts are required to attend the exercise in Declamation, during two years; and all candidates for a Part at Commencement are required to attend this exercise during the last year of their College course. The text-books used during the first term are, Campbell's Philosophy of Rhetoric, and Whately's Rhetoric.

The studies of the second term are Logic, and the higher branches of Rhetoric and Criticism. The text-books used are, Whately's Logic and Rhetoric. The study of English Literature is pursued during the whole year. The text-book used is Spalding's History of English Literature. Lectures are also delivered, in which the progress and development of our Literature are traced from time of the Anglo-Saxon, Anglo-Norman, and early English authors, through the successive periods of Chaucer, Spenser, Shakspeare, &c., down to the present time. This course embraces biographical sketches of the principal authors, together with criticisms of their writings. In order to secure a more thorough acquaintance with the subject, the students are expected to present written themes on such leading topics as the Professor of Rhetoric may propose for examination.

HISTORY AND POLITICAL ECONOMY.

The course in History commences with the fall of the Roman Empire, and embraces a general survey of the organization of European Society, and its progress in Mediæval and Modern times. It is designed to illustrate the origin and growth of Modern civilization in the principal nations of Europe; the origin and the leading features of the English Constitution and the extension of the English race; the Colonial and Revolutionary history of the United States, together with the theory of the American Government, the history of its formation and the outlines of its successive administrations. A considerable portion of the instruction is given by lectures. In addition to these, the following works are at present in use, either as text-books or books of reference: Guizot's History of Civilization, Hallam's Constitutional History of England, Weber's Outlines of Universal History, Bayard and Story on the Constitution of the United States.

The course in Political Economy, is associated as closely as possible with the course in History. It is designed to explain the nature of national wealth, and the laws which regulate its production and distribution, and the prosperity of nations, with illustrations from the history of the legislative enactments and economical arrangements which have prevailed in different ages and different countries. In all which, reference will be constantly made to the industrial progress and interests of our own people.

LATIN LANGUAGE AND LITERATURE.

The course of instruction in this department extends through two years and a half. In each year there are sometimes six, and never less than five, exercises a week.

The course is as follows :

I. In the first year :—1. During the First Term, Livy commenced, (Lincoln's Selections,) Arnold's Latin Prose Composition commenced, and Roman History. In History, the text-book is Pütz's Manual of Ancient Geography and History, accompanied by the reading of Schmitz's History of Rome, (Andover edition.) Niebuhr's History of Rome, Niebuhr's Lectures on Roman History, Arnold's History of Rome, and Arnold's Later Roman Commonwealth, and Findlay's Ancient Atlas, are recommended to the student. 2. During the Second Term, Livy completed, Cicero de Senectute and de Amicitia, Arnold's Latin Prose Composition completed.

II. In the second year :—1. First Term. The Odes, Satires and Epistles of Horace, (Lincoln's edition.) 2. The Germania and the Agricola of Tacitus, (Tyler's edition,) and Juvenal.

III. In the third year, the Rhetorical Works of Cicero, with lectures from the Professor on the History of Roman Eloquence.

The course is not restricted to the above authors, but may be varied in different years.

Throughout each year, the students present, on alternate weeks, exercises in Latin Composition, (independent of Arnold's text-book) and English exercises, consisting either of translations from the Latin, or of Essays on subjects connected with their Latin reading. These

exercises are examined and corrected, and then returned with explanatory remarks to the class.

The Latin Grammar used is Andrews and Stoddard's. Zumpt's is recommended as a work for reference. Other books recommended, are Riddle and Arnold's English-Latin Lexicon, Smith's Dictionary of Antiquities, (the 2d edition, English, is the best) and Becker's Gallus.

The objects aimed at in the instruction are chiefly these: to enable the student, by thorough grammatical and exegetical study to read and write Latin with facility, and to pursue by himself, with pleasure and profit, the reading of such Latin books as may be recommended by the instructor; to cultivate, by a habit of faithful translation, his power of expression in his own language: and, by connecting the reading of classic Roman authors with continuous historical and literary illustration, to make the study of Latin an important means of increasing his knowledge and his mental culture.

MODERN LANGUAGES.

FRENCH.

FIRST TERM.

First Class. Fasquelle's French Course, with oral and written exercises, and exercises on the black board, in translating from French into English, and English into French.

Voltaire—Siècle de Louis XIV.

SECOND TERM.

Grammar continued, with oral and written exercises.

Collot—Second Part of the Dramatic Reader.

Advanced Class French Syntax, with oral and written exercises.

Bossuet—Oraisons funèbres.

Racine—Phèdre, Andromaque, and Esther.

Lectures on the history of the French Language and Literature.

GERMAN.

FIRST TERM.

Woodbury—With oral and written exercises.

Woodbury's Eclectic German Reader.

SECOND TERM.

Woodbury—Continued, with oral and written exercises.

Schiller—Wilhelm Tell.

Göthe—Iphigenia.

Lectures on the history of the German Language and Literature.

The course in each language is intended to be critical, grounding the student thoroughly in grammatical principles, and accustoming him to the same rigorous analysis which is applied to the Latin and Greek, while at the same time he is prepared for writing and speaking by the constant use of oral and written exercises. The authors named are studied as specimens of national literature, and are made the subjects of special lectures.

NATURAL PHILOSOPHY.

The course of Natural Philosophy occupies one year, and comprises Mechanics, Hydrostatics, Pneumatics, Optics, Acoustics, and Astronomy.

The instruction is by illustrated and experimental lectures, accompanied by daily examinations on previous lectures, and exercises in application of the principles taught. A text-book is used in connection with the notes taken of the lectures, to aid in the preparation for recitation. The student is also directed to such other works as may assist him in obtaining a more extended knowledge of the subjects discussed.

The following are the text-books used :

Olmstead's Natural Philosophy ; Jackson's Optics ; Pierce's Treatise on Sound ; Norton's Astronomy.

CIVIL ENGINEERING.

The full course of Civil Engineering occupies a year and a half. It embraces the following studies and exercises :

Descriptive Geometry—Shades and Shadows—Linear Perspective —Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-work, and the measurement of moving powers and of work performed— Hydraulics—Pneumatics, including the construction and theory of the Steam Engine ; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture ; Engineering Proper, comprising all that immediately relates to the art of Construction in all its branches, and to the nature and preparation of the materials used.

Drawing.—Geometrical and Perspective—Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying with Compass, Theodolite, &c. ; Leveling ; Locating a Road ; Surveys for estimates of Excavation and Embankment ; Astronomical Observations for the determination of of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz : Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections ; which make up the course of Mathematics taught in the University.

Without this amount of preparation, persons may be admitted to any portion of the abovementioned course which they are able to pursue to advantage.

GREEK LANGUAGE AND LITERATURE.

The course of instruction in this department extends through two years and a half; during which there are always five and sometimes six exercises a week. The course of study is as follows:

FIRST YEAR.

First Term.—Greek Historians, (Felton's Selections,) Arnold's Greek Prose Composition, commenced. Exercises in written translation from Greek into English, and from English into Greek.

Second Term.—Epic Poetry, (the Iliad or the Odyssey,) Arnold's Greek Prose Composition, completed. Exercises in written translation continued.

SECOND YEAR.

First Term.—Greek Orators, (Demosthenes or Isocrates.) Exercises in Greek Composition.

Second Term.—Dramatic Poetry. During this year, Essays are required on subjects connected with the authors read.

A third class in Greek is formed for those who wish to pursue a more extended course.

The course of reading may be varied from year to year. Lectures in the proper connection will be given on the History and Antiquities of the Ancient Greeks, and on the various departments of their Literature.

The Greek Grammar used is that of Kühner, the Lexicon that of Liddell and Scott. Smith's Dictionary of Antiquities, Smith's Biographical Dictionary, Eschenburg's Manual of Classical Literature, and Becker's Charicles, are recommended as works of reference.

CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of Chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week, excepting Saturday, from 9 A. M., until 5 P. M. On Saturday, during the forenoon only.

LECTURES.

A course of Lectures will be given during the winter term, on the application of Chemistry to the Arts, in which the more important processes will be explained; a sketch given of their history and progress, and the class informed of such improvements as may have come to the knowledge of the scientific world.

Without proposing to make this course in any sense a substitute for the more complete and thorough method of experimental study, it is believed that it may be made worthy the attention of those who, being interested in the application of Chemistry, have not the leisure for the pursuits of the Laboratory.

EXPENSES.

All the appparatus required will be furnished the student and charged in his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alcohol, Gas, and all other materials required, use of apparatus, fuel, and other current expenses, per term, - - - - - - - - - - - - -	$55,00
Fee for instruction, - - - - - - - - - - - - - -	30,00
Total, - - - - - - - - - - -	$85,00

A reasonable deduction is made in the case of those students who devote only a portion of their time to this department.

The above charge for Chemicals, materials, &c., is intended merely to cover the average cost. If the cost falls below the charge specified, the deduction will be made accordingly.

DIDACTICS.

This department is opened for all those who wish to become professional teachers. A course of lectures commencing with the second term, will be given on the habits of mind necessary to eminent success in teaching; the relation of the teacher to the pupil; the principles which should guide in the organization of a school; the arrangement and adaptation of studies to the capacity of the learner; the influences to be employed in controlling the passions, forming the habits and elevating the tastes of the young; and on the elements of the art of teaching, or the best methods of imparting instruction in Reading, Grammar, Geography, History, Mathematics, Language, and the various other branches taught in our higher Seminaries. All these lectures are accompanied with practical exercises, in which each student is to participate.

Note. It may be added, that for the benefit of Teachers, and those who are preparing to become Teachers, without being connected with the University, a Normal School has been established in the city of Providence, under the direction of Professor Greene, the exercises of which continue for twenty-two weeks from the first of November.

SECTION IV.

LIBRARIES.

The University Library is in Manning Hall, and contains at present about 25,000 well selected volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of students and gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M., till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise together nearly 7,000 volumes, accessible to all the students of the University.

SECTION V.

PREMIUMS.

The sum of four hundred and twenty dollars is annually offered in premiums to undergraduates who have attained to distinguished excellence in the various departments of study.

The University Premiums are derived from a legacy of the late Hon. Nicholas Brown. The statutes by which the award of them is governed, are the following:

1. The competition for the University Premiums is open only to those students who are candidates for some one of the degrees conferred by the University.

2. No student shall be admitted as a candidate for a premium, who does not sustain an irreproachable moral character, and who is not punctual in his attendance upon all collegiate exercises.

3. No student shall be a competitor for a premium whose average standing for the year is below 15, the maximum of standing being 20.

4. No student shall be a competitor for more than one premium, whose average standing for the year is below 18.

5. The following premiums are offered for the present year:

A first premium of fifteen dollars, and a second premium of ten dollars, to the first and to the second class in Greek, to the first and to the second class in Latin, to the first and to the second class in Mathematics, and to the first class in French.

A first premium of seventeen dollars, and a second premium of fifteen dollars, to the class in English Literature, to the class in Natural Philosophy, and to the class in Physical Science.

A premium of seventeen dollars to the third class in Greek, to the third class in Latin, and to the third class in Mathematics.

A first premium of twenty dollars, and a second of seventeen dollars, to the class in History, and to the class in Intellectual and Moral Philosophy.

All papers for premiums for the present collegiate year, must be presented to the President on or before the *third day* of June.

The problems in Natural Philosophy and Mathematics are presented to competitors at the examination for premiums in those departments.

The themes for UNIVERSITY PREMIUMS for the present year are the following:

I. GREEK DEPARTMENT.

For the First Class:

A Greek translation of the passage in Macaulay's Essay on History, beginning with "For such a people," and ending with "to fulfill high destinies."

For the Second Class:

A Greek Dissertation on "The character of the Athenians in the time of Demosthenes."

For the Third Class:

A Greek Dissertation on "The character of Socrates as a philosopher."

II. LATIN DEPARTMENT.

For the First Class:

De Q. Fabii Maximi Cunctatoris moribus et in patriam meritis.

For the Second Class:

Augustus civitati Romanæ quibus rebus gestis, legibus, institutis que profuit?

For the Third Class:

C. Julii Cæsaris laudes.

III. DEPARTMENT OF MODERN LANGUAGES.

For the first Class in French:

"Franklin at the Court of Versailles."

IV. DEPARTMENT OF RHETORIC AND ENGLISH LITERATURE.

"The Literary Character of Goldsmith."

V. DEPARTMENT OF PHYSICAL SCIENCE.

"Water considered as a Regulator of temperature."

VI. DEPARTMENT OF HISTORY.

"The services of Petrarch in the revival of Learning."

VII. DEPARTMENT OF INTELLECTUAL AND MORAL PHILOSOPHY.

"A Review of Sir William Hamilton's doctrine of Perception."

The PRESIDENT'S PREMIUMS are awarded to those students entering as candidates for the degree of A. B. or of A. M., who have attained the highest excellence in the studies preparatory for admission to the University.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Greek Language.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Latin Language.

The examination for the President's Premiums is held on the first Monday of the first Collegiate term. The competitors will be examined in the studies preparatory for entrance, and especially in the first six books of the Æneid of Virgil, and the first three books of Xenophon's Anabasis. The examiners are the Professor of Latin, the Professor of Greek, and Mr. James Tillinghast.

The premiums for the academical year 1852–3, were awarded as follows :

1. Intellectual and Moral Philosophy.
   The Second Premium to John Sanderson.
   Also, a Second do. to Charles T. Miller.
2. Natural Philosophy.
   The Second Premium to Charles Phelps.
   Also, a Second do. to Harris R. Greene.
3. Rhetoric.
   The First Premium to William B. Carpenter.
4. Modern Languages.
   The First Premium to Richard F. Putnam.
   The Second do. to Orestes Warren.
5. Mathematics.
   First Year.—The First Premium to Franklin Burdge.
   The Second do. to David H. Goodell.
   Second Year.—The First do. to Joseph W. Congdon.
   The Second do. to Dormer L. Hicok.
   Also, a Second do. to William J. Batt.
6. Latin.
   First Year.—The First Premium to Uriah W. Lawton.
   The Second do. to Charles B. Goff.
   Second Year.—The First do. to Joseph W. Congdon.
   The Second do. to William G. Dearth.
   Also, a Second do. to William J. Batt.
7. Greek.
   First Year.—The First Premium to Charles B. Goff.
   The Second do. to Francis W. White.
   Second Year.—The First do. to Joseph W. Congdon.

The President's Premiums for excellence in studies preparatory to admission, were awarded as follows :

The first Premium in Latin, to Edward Clarke, instructed by Messrs. Lyon and Frieze, of the University Grammar School.

The first Premium in Greek, to Edward H. Cutler, instructed by Mr. Albert Harkness, of the Providence High School. The second in Latin, and the second in Greek, to George Tanner, instructed by Mr. Elijah Perry, of the Plainfield Academy.

SECTION VI.

EXAMINATIONS.

The examinations for admission to the University are held on Thursday, Friday and Saturday of Commencement week, and on Thursday, Friday and Saturday of the first week of the second Collegiate term.

Examinations of all the classes are held at the close of each term. These examinations are both oral and in writing. When in writing, the questions are prepared by the committees of examination, and presented to each student at the time of the examination, and he is required to return his answers within a specified time. From the aggregate value of these answers, his standing by examination is determined.

The following committees of examination in the several departments, have been appointed by the Executive Board:

1. Greek Language.

Professor Wheeler, Rev. Samuel H. Wolcott,
Rev. Silas A. Crane, Merrick Lyon,
James Tillinghast.

2. Latin Language.

Professor Lincoln, Henry S. Frieze,
Hon. Charles Thurber, Francis Wayland, Jr.,
Rev. Thatcher Thayer, Peter S. Byers.

3. Modern Languages.

Professor Angell, Thomas P. Shepard, M. D.,
Rev. F. H. Hedge, D. D., Percival W. Bartlett,
William Goddard.

4. Rhetoric and English Literature.

Professor Dunn, Wingate Hayes,
Rev. Leonard Swain, F. J. Dickman,
Benjamin F. Thurston.

5. Physical Science.

Professor Chace, C. W. Parsons, M. D.,
Owen Mason, J. W. C. Ely, M. D.,
G. L. Collins, M. D.

6. History and Political Economy.

Professor Gammell, Hon. C. S. Bradley,
Thomas F. Carpenter, Abraham Payne,
Hon. S. G. Arnold.

7. Intellectual and Moral Philosophy.

President Wayland, Rev. J. Leavitt, D. D.,
Rev. N. B. Crocker, D. D., Robert H. Ives,
Nathan Bishop.

8. Didactics.

Professor Greene, Rev. Thomas F. Vail,
Rev. Thomas Shepard, D. D., Amos Perry,
Zuinglius Grover.

9. Mathematics.

Professor Caswell, Caleb Farnum,
Moses B. Lockwood, Rev. Frederic Denison,
Rowland Hazard.

10. Natural Philosophy and Civil Engineering.

Professor Day, S. B. Cushing,
Zachariah Allen, E. S. Chesbrough.

11. Chemistry Applied to the Arts.

Professor Chace, W. W. Pearce,
T. P. Shepard, M. D., J. J. Ellis, M. D.,
George Thurber.

SECTION VII.

DIRECTIONS FOR STUDENTS.

1. The terms of the University always commence on Friday. This and the following days are occupied in making the necessary preliminary arrangements. Every student is expected, within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he intends to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

4. In case of absence, the student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

5. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

6. At 12 o'clock, M., of every day, all absences which have occurred during the previous twenty-four hours, are reported to the Regent.

7. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency without excuse, in any literary exercise.

8. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student of the fact; and when his demerits amount to 100, to dismiss him from the University.

9. After reports are entered on the books of the Register, no alteration can be made on account of neglect to present an excuse on the part of the student.

10. Candidates for admission are required to present to the President adequate certificates of unquestionable moral character.

SECTION VIII.

MISCELLANEOUS.

Term bills must be paid at the commencement of each term.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5,00.

The fee for each course, exclusive of the special courses, is per term $6,00.

The special courses are the class in Analytical Chemistry and in Chemistry applied to the Arts; and the class in Civil Engineering.

For the full course in these classes, the fee is $30,00 per term, but students may attend either of these classes in connection with those of the other departments, in which case they pay a fee in proportion to the time they occupy.

Rooms are furnished in the college buildings, if two students occupy the same room, at $4,50 per term, or $9,00 per year.

If a student occupy a room alone, his rent and servant's hire are doubled.

Board is not furnished in college. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:

Board at from $2,00 to $2,50 per week. Board and Lodging, with furnished rooms, in some cases washing or fuel included, from $3,00 to $3,50 per week. The other expenses are, per term:—Use of Library, $1,50; Register's salary, $2,00; Servants' hire for those rooming in College, $3,50; for those who room in town, $1,50; Repairs and Public Fuel, from $1,25 to $1,40 each.

CALENDAR.

Commencement, - - - - -	First Wednesday in September.
First Exhibition, - - - - -	Third Saturday in November.
Second Exhibition, - - - -	Second Saturday in May.

The Academical Year is divided into two terms of twenty weeks each.

First Term begins, - - - - -	Friday following Commencement.
" " ends, - - - - -	Thursday, January 26.
Second Term begins, - - - -	Friday, February 24.
" " ends, - - - -	Thursday, July 13.
Winter Vacation, - - - - -	From January 27 to February 23.
Summer Vacation, - - - -	From July 14 to Commencement.

The week of the annual Thanksgiving is given as a recess, and no other recess is given during the year.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1854-55.

PROVIDENCE:
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1854.

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PROFESSOR OF THE THEORY AND PRACTICE OF AGRICULTURE.

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LIBRARIAN.

LEMUEL H. ELLIOTT,

REGISTER.

UNDERGRADUATES

OF FOUR YEARS' STANDING.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Mowry A. Arnold,	Burrillville,	A. M.,	35 H. C.
William J. Batt,	Fall River, Mass.,	"	43 U. H.
Augustus O. Bourn,	Providence,	"	26 Union St.
James W. Brooks,	Petersham, Mass.,	"	42 U. H.
John K. Brown,	Wilmington, N. C.,	*S. C.,	52 U. H.
Alfred R. Bullard,	Framingham, Mass.,	A. M.,	20 U. H.
William W. Chapin,	Providence,	S. C.,	65 High St.
George S. Collins,	Warren,	A. M.,	51 U. H.
Joseph W. Congdon,	Providence,	"	30 Jenckes St.
William K. Davey,	Boston, Mass.,	"	49 U. H.
William G. Dearth,	Providence,	"	35 Washington St.
Amos A. DeWitt,	Providence,	"	67 Congdon St.
John H. French,	Eastport, Me.,	"	7 H. C.
Charles F. Holbrook,	Worcester, Mass.,	"	26 H. C.
Cortland Hoppin,	Providence,	"	293 Westminster St.
Joseph D. Long,	Holyoke, Mass.,	"	34 U. H.
William H. Pabodie,	Providence,	"	95 Washington St.
George B. Paine,	Providence,	"	29 Congdon St.
Jeremiah G. Peckham,	Kingston,	"	34 H. C.
Hiram K. Pervear,	Roxbury, Mass.,	"	23 H. C.
Charles Phelps,	N. Attleboro', Mass.,	"	5 H. C.

*Select Course.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Edward F. Pierson,	New York, N. Y.,	S. C.,	21 College St.
Richard F. Putnam,	Boston, Mass.,	A. M.,	35 Olney St.
Thomas Simons, Jr.,	Maulmain, Burmah,	"	20 U. H.
†George H. Taft,	N. Providence,	"	
John F. Tobey,	Providence,	"	110 Benevolent St.
Theodore D. Warren,	New York, N. Y.,	"	38 George St.
Marcus Waterman,	Providence,	"	32 Benefit St.
Henry D. Williams,	W. Roxbury, Mass.,	"	25 H. C.
†Benjamin F. Winchester,	Donaldsonville, La.,	B. P.	

UNDERGRADUATES

OF THREE YEARS' STANDING.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Charles H. Alden,	Bristol,	A. M.,	188 Westminster St.
David A. Andrews,	Providence,	A. B.,	75 Clifford St.
Charles H. Antis,	Canandaigua, N. Y.,	B. P.,	58 George St.
Henry W. Arnold,	Providence,	A. M.,	268 High St.
Frank Bailey,	Hopkinton, N. H.,	A. B.,	21 H. C.
Caleb Bates,	Cincinnati, Ohio,	S. C.,	241 Westminster St.
Morris B. Beckwith,	G. Barrington, Mass.,	"	1 Mulberry St.
Charles Blake,	Bristol,	A. M.,	21 College St.
John W. Bigelow,	Grafton, Mass.,	A. B.,	35 H. C.
Nicholas B. Bolles,	Providence,	"	274 Benefit St
Julius Bond,	Hartford, Conn.,	A. M.,	49 U. H.
Nathaniel G. Bonney,	Fall River, Mass.,	"	44 U. H.
†Horace E. Brooks,	Worcester, Mass.,	"	
Franklin Burdge,	New York, N. Y.,	"	30 U. H.
†Francis Colwell, Jr.,	Providence,	A. B.,	
Freeman Cornish,	Plymouth, Mass.,	"	24 H. C.
Samuel L. Crocker,	Taunton, Mass.,	A. M.,	8 H. C.
William B. Crocker,	Taunton, Mass.,	"	36 U. H.
Samuel Cushman, Jr.,	S. Attleboro', Mass.,	S. C.,	43 H. C.
James M. Cutts. Jr.,	Washington, D. C.,	A. M.,	33 U. H.
Henry W. Diman,	Bristol,	A. B.,	40 U. H.
William W. Earle,	Worcester, Mass.,	S. C.,	115 1-2 N. Main St.
Thomas Ewing,	Lancaster, Ohio,	A. B.,	
James W. Edgar,	Indianapolis, Ia.,	S. C.,	125 Benefit St.
Joel F. Fales,	Walpole, Mass.,	"	100 Smith St.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
William Fitz,	Boston, Mass.,	S. C.,	23 H. C.
Henry T. Fore,	Charlotte, Va.,	"	58 George St.
Isaac H. Gilbert,	Easton, Conn.,	A. B.,	16 H. C.
Charles B. Goff,	Fall River, Mass.,	A. M,	13 H. C.
David H. Goodell,	Antrim, N. H.,	"	54 U. H.
Ezra H. Heywood,	Hubbardston, Mass.,	"	43 H. C.
Nathaniel P. Hill,	Montgomery, N. Y.,	S. C.,	31 H. C.
Charles Hutchins,	Wilmington, Del.,	B. P.	
Moses B. Jenkins,	Providence,	A. M.,	226 Benefit St.
William W. Johnson,	Franklin, La.,	S. C.,	22 Dorrance St.
Julius F. Kellogg,	Kenosha, Wis.,	"	52 U. H.
Uriah W. Lawton,	S. Westport, Mass.,	A. M.,	44 H. C.
†Thomas La Due,	Wilmot, Wis.,	"	
Edward F. Leonard,	Providence,	"	23 Federal St.
Watts T. Loomis,	Little Falls, N. Y.,	S. C.,	22 H. C.
Nichols McCarty,	Indianapolis, Ia.,	"	43 U. H.
†Joseph R. Mauran,	Providence,	A. M.	
Morris B. Morgan,	Baton Rouge, La.,	A. B.,	14 George St.
William H. Morrison,	Indianapolis, Ia.,	A. M.,	15 Charles Field St.
Richard Olney,	Oxford, Mass.,	"	41 U. H.
William H. Otis,	Cleveland, Ohio,	S. C.,	19 U. H.
John Peirce,	Providence,	A. M.,	23 Benevolent St.
Dwight P. Perry,	Clarkson, N. Y.,	A. B.,	26 H. C.
John T. Peters,	Colchester, Conn.,	S. C.,	22 H. C.
Benjamin L. Ray,	Providence,	B. P.,	44 H. C.
Joseph W. Reed,	Danvers, Mass.,	A. M.,	50 U. H.
†Francis W. Reynolds,	Boston, Mass.,	B. P.	
Stoney J. Robert,	Marietta, Ga.,	A. M.,	208 Westminster St.
Benjamin F. Robert,	Marietta, Ga.,	S. C.,	208 "
Horatio Rogers, Jr.,	Providence,	A. B.,	206 Benefit St.
Enoch W. Sanford,	Raynham, Mass.,	A. M.,	24 H. C.
Amos J. Saunders,	Rowley, Mass.,	A. B.,	26 U. H.
Sherman G. Smith,	Stepney, Conn.,	"	16 H. C.
Henry N. Snyder,	Clarkson, N. Y.	"	1 H. C.
Samuel Starkweather.	Cleveland, Ohio,	S. C.,	19 U. H.

NAMES.	RESIDENCE.	ENTERED FOR.	ROOMS.
George L. Stedman,	Southbridge, Mass.,	A. M.,	10 H. C.
James M. Stone,	Kennebunkport, Me.,	S. C.,	26 U. H.
Abner D. Strong,	Ashtabula, Ohio.	"	88 Pine St.
Horace C. Taylor,	Norwich, Mass.,	"	29 H. C.
John E. Tourtellotte,	Thompson, Conn.,	A. M.,	37 H. C.
Walter S. Thornton,	New Bedford, Mass.,	S. C.,	119 Benefit St.
†William H. Teift,	Greenwich, N. Y.,	"	
Charles Turner,	New London, Conn.,	A. B.,	5 H. C.
William W. Walker,	Cooperstown, N. Y.,	S. C.,	94 Benevolent St.
William W. Waterman,	S. Attleboro', Mass.,	"	2 H. C.
Oliver S. Westcott,	Wickford,	A. M.,	169 S. Main St.
Francis W. White,	Winchendon, Mass.,	"	11 H. C.
Gardner M. Wickes,	Providence,	"	19 Friendship St.
Joseph W. Worster,	Milton, N. H.,	A. B.,	45 U. H.

UNDERGRADUATES

OF TWO YEARS' STANDING.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Edmund Aldrich,	Providence,	S. C.,	223 Broad St.
Elisha S. Aldrich,	Glocester,	B. P.,	34 U. H.
John R. Alston,	Georgetown, S. C.,	S. C.,	188 Broad St.
Franklin R. Barrett,	Portland, Me.,	"	18 H. C.
George P. Barrett,	" "	"	18 H. C.
Henry T. Bissell,	Toledo, Ohio,	"	40 U. H.
William H. Bowen,	N. Providence,	A. M.	
John B. Brackett,	Woburn, Mass.,	"	12 H. C.
Henry Brokmeyer,	Minden, Prussia,	S. C.,	30 U. H.
†Andrew D. Bullock,	Taunton, Mass.,	"	32 S. Main St.
Charles A. Cargill,	Cumberland,	A. M.,	3 H. C.
†Caleb H. Carlton,	Cleveland, Ohio,	S. C.	
George W. Carr,	Pawtuxet,	A. M.,	57 U. H.
Charles H. Childs, Jr.,	Providence,	A. B.,	27 Dorrance St.
Edward W. Clarke,	Northeast, N. Y.,	A. M.,	9 H. C.
Henry F. Clark,	Cleveland, Ohio,	S. C.,	16 U. H.
Edward H. Cutler,	Providence,	A. M.,	52 Mathewson St.
Frederic Danne,	New York, N. Y.,	S. C.,	136 Benefit St.
William B. Dart,	Providence,	A. B.,	79 Friendship St.
Thomas Dean,	"	A. M.,	33 H. C.
William L. Dean,	N. Ferrisburg, Vt.,	A. B.,	13 Cady St.
John H. DeWolf,	Providence,	„	206 Westminster St.
Samuel C. Eastman,	Concord, N. H.,	A. M.,	41 H. C.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
John R. Fairbanks,	Providence,	B. P.,	46 Benefit St.
Louis Falligant,	Savannah, Ga.,	A. B.,	37 U. H.
Simon J. Fletcher,	Northbridge, Mass.,	S. C.,	21 H. C.
Henry C. Ford,	Philadelphia, Pa.,	A. B.,	12 Halsey St.
Charles S. Forsyth,	Louisville, Ky.,	A. M.,	36 H. C.
Thomas W. Fox,	Worcester, Mass.,	A. B.,	21 College St.
†Eliphalet W. French,	Eastport, Me.,	S. C.	52 U. H.
Israel Gates,	Hopkinton,	A. M.,	45 U. H.
Henry P. Gerrish,	East Salisbury, Mass.,	S. C.,	94 Benevolent St.
Sheridan P. Gillette,	Ravenna, Ohio,	"	38 U. H.
Daniel Goodwin,	Wilkinsonville, Mass.,	A. M.,	24 Broadway.
†George H. Hawes,	Louisville, Ky.,	A. B.	
John N. Hazard,	S. Kingstown,	"	25 Waterman St.
James B. Herreshoff,	Bristol,	S. C.,	21 College St.
†Rollin N. Hill,	Boston, Mass.,	"	
Robert H. Ives, Jr.,	Providence,	A. M.,	195 Benefit St.
Ansel G. Jenney,	Fair Haven, Mass.,	S. C.,	60 William St.
Caleb B. Josselyn,	Pembroke, "	"	48 U. H.
John Lamb,	Norwich, N. Y.,	A. M.,	31 Prospect St.
John M. Manning,	Pomfret, Conn.,	A. B.	
Francis Mansfield,	Lowell, Mass.,	A. M.,	15 H. C.
George H. Marston,	N. Providence.,	"	Mrs. Eaton's.
Elisha C. Mowry,	Sheboyan, Wis.,	"	14 Mulberry St.
William E. Norris,	Pittsfield, Ill.,	"	22 U. H.
Frederick Paine,	Providence,	"	29 Congdon St.
*Edwin S. Pease,	Somers, Conn.,	"	
Albert H. Plumb,	Buffalo, N. Y.,	A. B.,	38 H. C.
Daniel B. Pond,	Woonsocket,	A. M.,	16 U. H.
Reuben B. Pool,	Rockport, Mass.,	"	30 H. C.
Nathaniel F. Potter, Jr.,	Providence,	A. M.,	112 High St.
Robert W. Potter, Jr.,	Providence,	A. B.,	33 H. C.
†Enoch Robinson, Jr.,	Taunton, Mass.,	S. C.	
†Theodore Robinson,	Taunton, Mass.,	"	
William A. Rogers,	Waterford, Conn.,	A. B.,	17 U. H.
Frederick W. Shaw,	Raynham, Mass.,	S. C.,	94 Benevolent St.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Thacher N. Snow,	Orleans, Mass.,	A. M.,	20 H. C.
James G. Sproat,	Wareham, "	"	56 U. H.
Josiah P. Stone,	Camden, N. Y.,	S. C.,	20 H. C.
William L. Stone,	Saratoga Springs,	A. M.,	31 Prospect St.
Addison A. Stuart,	Sterling, Mass.,	"	28 H. C.
Samuel S. Swisher,	Groveport, Ohio,	"	42 H. C.
George Tanner,	Voluntown, Conn.,	"	56 U. H.
Lyman B. Tefft,	Exeter,	"	37 H. C.
Samuel Thurber,	Providence,	A. B.,	67 N. Main St.
David A. Titcomb,	Lynnfield, Mass.,	S. C.,	21 College St.
Samuel D. Tobey,	Warren,	A. M.,	4 H. C.
Nahum M. Tribou, Jr.	Middleboro', Mass.,	"	31 U. H.
William A. Tucker,	Providence,	B. P.,	179 Pine St.
Louis D. Tulane,	Princeton, N. J.,	S. C.,	32 S. Main St.
William M. Turner,	Hicksford, Va.,	B. P.,	37 U. H.
Joseph B. Ward,	Newark, N. J.,	S. C.,	38 U. H.
James M. Wetherell,	Taunton, Mass.,	A. B.,	32 S. Main St.
William A. White,	Middleboro', Mass.,	A. M.,	22 U. H.
Furman R. Whitwell, Jr.,	Fair Haven, "	S. C.,	119 Benefit St.
Thomas R. Williams,	Alfred, N. Y.,	"	94 Benevolent St.
Charles H. Wood,	North Lyme, Conn.,	A. B.,	28 H. C.
Frederick Wood,	New York, N. Y.,	S. C.,	119 Benefit St.
Josiah G. Woodbury,	Bedford, N. H.,	A. B.,	115 1-2 N. Main St.

UNDERGRADUATES

OF ONE YEAR'S STANDING.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Samuel W. Abbott,	Woburn, Mass.,	A. M.,	146 Benefit St.
Roland F. Alger,	W. Bridgew'tr, Mass.,	B. P.,	17 H. C.
George F. Andrews,	Providence,	A. M.,	270 High St.
William A. Anthony,	Coventry,	S. C.,	54 Claverick St.
Dexter A. Ballou,	Woonsocket,	A. B.,	58 Charles St.
James H. Barker,	McConnelsville, O.,	S. C.,	105 Clifford St.
Comfort E. Barrows,	S. Attleboro', Mass.,	A. M.,	14 H. C.
Clarence Bate,	Louisville, Ky.,	A. B.,	58 U. H.
George Beverly, Jr.,	Providence,	A. M.,	61 Mathewson St.
James H. Blandy,	Newark, Del.,	B. P.,	94 Benevolent St.
Lucius S. Bolles,	Providence,	A. M.,	274 Benefit St.
Oliver F. Bryant,	Woburn, Mass.,	S. C.,	1 Mulberry St.
Luther R. Burlingame,	Knoxville, Pa.,	"	124 Broadway.
Elbert S. Carman,	Brooklyn, N. Y.,	"	62 George St.
Caleb A. Carpenter,	Providence,	A. M.,	92 Clifford St.
Robert B. Chapman,	Providence,	"	57 Angell St.
Edward L. Clark,	Boston, Mass.,	"	32 S. Main St.
Walter Congdon,	Polk Co., Tenn.,	B. P.,	194 Benefit St.
Eliab W. Coy,	E. Abington, Mass.,	A. M.,	94 Benevolent St.
Lyman W. Curtis,	Worcester, Mass.,	"	13 Benevolent St.
David E. Damon,	Wilbraham, Mass.,	S. C.,	13 Benevolent St.
Charles H. Deanes,	Easton, Mass.,	A. B.,	19 H. C.
Robert W. Douglas,	Brooklyn, N. Y.,	B. P.,	62 George St.
William C. Dustin,	Potsdam, N. Y.,	S. C.,	2 Pitman St.
Howard M. Emerson,	N. Reading, Mass.,	A. M.,	32 H. C.
Albert E. Faxon,	Woonsocket,	"	25 Broadway.
Joseph H. Gilmore,	Concord, N. H.,	"	12 H. C.
Robert I. Goddard,	Providence,	"	38 George St.
Merrick Goldthwait,	Uxbridge, Mass.,	"	32 H. C.
Arnold Green,	Providence,	"	14 John St.
Edward M. Gushee,	Bristol,	"	7 Federal St.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Charles H. Hapgood,	Petersham, Mass.,	A. B.,	10 Meeting St.
John G. Haskell,	Wilbraham, Mass.,	S. C.,	24 U. H.
Francis Healy,	N. Providence,	"	Mr. Healy's.
Robert J. Henderson,	Philadelphia, Pa.,	"	12 Halsey St.
Adoniram B. Judson,	Hamilton, N. Y.,	A. B.,	62 George St.
Elnathan Judson,	Hamilton, N. Y.,	A. M.,	"
Ezra S. Lewin,	Castile, N. Y.,	S. C.,	25 Waterman St.
Leander C. Manchester,	North Providence,	A. M.,	57 U. H.
Henry G. Merriam,	Goshen, N. Y.,	S. C.,	29 H. C.
William A. Mowry,	Slatersville,	A. M.,	23 President St.
Abial W. Nelson,	Lakeville, Mass.,	"	4 H. C.
Walter Noyes,	Providence,	A. B.,	274 Benefit St.
Joseph H. Patten,	Providence,	S. C.,	25 Union St.
James B. Patterson,	Dayton, Ohio,	A. M.,	58 U. H.
Charles C. Peavey,	Fultonbor'gh, N. H.,	S. C.,	N. Providence.
Frank Peavey,	" "	"	N. Providence.
Francis B. Peckham, Jr.,	Newport,	A. B.,	19 H. C.
William B. Phillips,	Providence,	A. M.,	Rev. Mr. Phillips.
Joseph C. Plumb,	Cattaraugus, N. Y.,	S. C.,	38 H. C.
Nathaniel Robbins,	W. Townshend, Vt.,	A. B.,	94 Benevolent St.
John M. Read, Jr.,	Philadelphia, Pa.,	A. M.,	53 Prospect St.
James A. Robert,	Portsmouth, Ohio,	"	53 U. H.
Henry G. Safford,	Boston, Mass.,	"	14 H. C.
Augustus E. Scott,	Milford, Mass.,	"	24 U. H.
Samuel G. Silliman,	Bridgeport, Conn.,	"	44 U. H.
Charles M. Smith,	Providence,	"	102 Hope St.
John L. Snow,	Providence,	"	Mr. W. C. Snow's.
Samuel Snow,	Boston, Mass.,	S. C.,	94 Benevolent St.
Solon W. Stevens,	Lowell, Mass.,	A. M.,	15 H. C.
John Stevenson,	W. Medway, Mass.,	S. C.,	105 Clifford St.
George W. Tanner,	Pittsburg, Pa.,	B. P.,	36 H. C.
John D. Taylor,	Providence,	"	6 Chapel St.
David Weston,	Middleboro', Mass.,	A. M.,	17 H. C.
William P. Wetherell,	Taunton, Mass.,	S. C.,	94 Benevolent St.
Lyman A. White,	Petersham, Mass.,	"	9 Meeting St.
William C. Wright,	Providence,	B. P.,	157 S. Main St.

ABBREVIATIONS.

U. H. ..... University Hall.
H. C. ..... Hope College.
†. ..... Dismissed by request.
A. M. ..... Master of Arts.
A. B. ..... Bachelor of Arts.
B. P. ..... Bachelor of Philosophy.
S. C. ..... Select Course.
*. ..... Deceased.

SUMMARY.

Undergraduates of four years' standing	30
" " three " "	74
" " two " "	81
" " one year's "	67
	252

Candidates for the degree of A. M.	119
" " " " " A. B.	42
" " " " " B. P.	16
Students pursuing a Select Course	75
	252

SECTION I.

ORGANIZATION OF THE UNIVERSITY.

The Laws of the University direct that the Courses of Study shall be so arranged as to accomplish, as far as possible, the following objects:

"1. To enable a student to pursue, to the best advantage, any single course which he may choose.

2. To enable a student to pursue for a single term, a single year, or any other portion of time, such studies as he may believe to be for his advantage.

3. To allow students who are candidates for degrees, to pursue the studies necessary for a degree in a longer or a shorter time, as their age, ability, or pecuniary circumstances may render convenient for themselves; the Faculty, however, having the right to direct the studies of such students in such manner as may prevent idleness on the one hand, or superficial haste on the other."

The various classes are organized in conformity with the above enactments. Hence, students may be admitted either as candidates, or not as candidates, for a degree. Those who are not candidates for a degree, are at liberty to pursue the studies of such classes as they may select; unless, however, special permission be granted to the contrary, they are subjected to the same examinations, and are, equally with other students, amenable to the laws of the University. Students, not candidates for a degree, are examined for entrance, only in so far as to ascertain their ability to pursue the studies of the class or classes which they propose to enter.

The degrees conferred upon students of this University are three: those of Bachelor of Philosophy, Bachelor of Arts, and Master of Arts. The student or his parents select the degree for which he becomes a candidate.

The examinations for admission to the University are held on Thursday, Friday and Saturday of Commencement week, and on Thursday, Friday and Saturday of the first week of the second Collegiate term.

Candidates for admission to the courses prescribed for the Master of Arts, are examined in

Arithmetic, and Algebra as far as Quadratic Equations,

Ancient and Modern Geography,

English Grammar, and the use of the English language,

The Greek Reader, or an equivalent portion of some classical Greek Author,

Cæsar's Commentaries, the Æneid of Virgil, Six Orations of Cicero, Latin Prosody, and in writing Latin.

For admission as candidates for the degree of Bachelor of Arts, students are examined in the studies above mentioned, except that the candidate need be examined only in the preparatory studies of that ancient language which he intends to pursue, if he elect to pursue only one.

To be admitted candidates for the degree of Bachelor of Philosophy, students are examined in all the above studies, with the exception of the Ancient Languages and Ancient Geography.

A student who is a candidate for a degree, entering upon advanced standing, must be examined in all the studies which students of the same standing have previously pursued.

It is the intention of the Corporation that the examinations for entrance be definite and thorough. The prescribed attainments in Arithmetic, Algebra, English Grammar and Geography, are strictly required.

No student shall be admitted as a candidate for matriculation, unless he bring suitable testimonials of good moral character; and if he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in, the institution which he has left.

The earliest age, at which, in general, it will be advantageous for

a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

The form of matriculation is as follows :—A student who wishes to become a member of the University, must first present his testimonials to the President, who, if satisfied with his evidences of good character, will admit him as a candidate to be examined for admission. If his examination be satisfactory, the student shall procure and read a copy of the Laws of the University, after which he shall call again upon the President and sign a declaration of his deliberate intention to obey all the laws of the University, so long as he shall remain a member of it. The President shall then give him a certificate of Matriculation, which shall entitle him to purchase his tickets and proceed with the studies of his class.

As soon as the student is matriculated, (if he be a minor,) the President shall send by mail to his parent or guardian, a copy of the laws of the University.

SECTION II.

OF DEGREES.

The regular Degrees conferred in this University are the Degrees of Bachelor of Philosophy, Bachelor of Arts, and Master of Arts.

The Degree of Bachelor of Philosophy is designed for those students who are intended for the pursuits of active life. It is the wish of the Corporation to make the requirements for obtaining it such as will confer a high degree of intellectual culture, without the necessity of studying the Ancient Languages.

For the Degree of Bachelor of Philosophy, the candidate having entered by regular examination, must be proficient in nine courses of one year each. These must be one in Mathematics, one in a Modern Language, one in Rhetoric, one in Chemistry and Physiology, one in Natural Philosophy, one in History, and one in Intellectual and Moral Philosophy. The two remaining courses must be selected from Didactics, Political Economy, Geology, a second Modern Language, or from advanced courses in any of the other departments.

A student who attends for two years the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall, in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

The Degree of Bachelor of Arts is designed especially for those who desire to prepare themselves for the different professions, and

yet, from unavoidable circumstances, are unable to pursue a complete course of liberal education. In order to render it accessible to such students, the number of studies is limited, and some liberty of choice is granted, that they may be enabled to select such studies as will the better enable them to prepare themselves for a particular profession.

In order to become a candidate for the degree of Bachelor of Arts, the student having been regularly examined for entrance, must be proficient in nine courses of one year each. These must be two courses in an Ancient Language, one in a Modern Language, one in Mathematics, one in Rhetoric, one in History, and one in Intellectual and Moral Philosophy. The two remaining courses must be selected from the courses in Natural Philosophy, Chemistry and Physiology, Didactics, Political Economy and Geology, or from advanced courses in any of the other departments.

The candidates for these degrees will then be examined in the manner above specified, in three of the studies in which they have been proficients. The studies in which the examinations will be held, will be made known to the University at the beginning of the term immediately preceding Commencement.

The Degree of Master of Arts is intended for those students who desire to pursue a full course of liberal education. In order to become a candidate for this degree, the student must obtain certificates of proficiency in the following courses of instruction:—

Each of the Ancient Languages for one year and a half,
Mathematics for one year and a half,
One Modern Language for one year,
Natural Philosophy for one year,
Rhetoric and English Literature for one year,
Chemistry and Physiology for one year,
History for one year,
Intellectual and Moral Philosophy for one year.

The remaining courses required for this degree must be selected from the courses in Political Economy, Geology, Didactics, a second Modern Language, or from advanced courses in any of the other departments.

He must also be examined in the Ancient Languages, in Natural Philosophy, and in three other studies to be appointed by the Fac-

ulty; and he shall not be entitled to a degree unless his answers attain to 25 per cent. of the maximum established by the Faculty. The examination in the Ancient Languages shall include passages from an author in Latin and in Greek, which have not been read by the class in the regular course of instruction.

It is the design of the Corporation to require for the Degrees of Bachelor of Arts and of Philosophy, an amount of study which *may* be accomplished in three years, but which may, if he pleases, occupy the student profitably for four years; and to require for the Degree of Master of Arts an amount of study which *may* be accomplished in four years, but which, if generously pursued, may occupy the student with advantage a considerably longer time. And the Faculty have the power to direct in all cases the discontinuance of a third study, or the addition of a third to two already pursued, if such diminution or addition of labor will, in their opinion, be for the advantage of the student. Whenever a study is postponed, the ticket which the student has purchased shall be available for the same course at any subsequent time without any additional charge.

From the above extracts from the Laws, it will be seen, that any person wishing to pursue his studies at this University, may determine for himself whether he will or will not become a candidate for a degree, and he may, if his examinations in the required studies be satisfactory, select the degree for which he will become a candidate. Those who are not candidates for a degree will be subject to the same laws, and pass the same examinations as those who are candidates, and will be entitled to certificates of standing and proficiency. Those who are candidates for a degree must pursue such courses as are required for that degree, and sustain satisfactorily all the examinations established by the laws.

The degree of Bachelor of Arts or that of Bachelor of Philosophy, does not entitle the graduate to the degree of Master of Arts in course. The latter degree is conferred on those only who have pursued the full course of instruction prescribed by the statutes of the University.

SECTION III.

THE COURSES OF STUDY PURSUED IN THE UNIVERSITY DURING THE PRESENT YEAR, ARE THE FOLLOWING :

INTELLECTUAL AND MORAL PHILOSOPHY.

The study of Intellectual Philosophy commences with the opening of the collegiate year, on the Monday following the Commencement, and continues to the close of the first term. Recitations, accompanied by oral explanations and examinations, are held every day of the week excepting Saturday. An hour and twenty minutes are allotted to each recitation. The text book in use is " the Elements of Intellectual Philosophy," by the instructor. Works of reference on the subject are also fully provided for the student in the University Library. Essays on themes previously assigned are required throughout the course.

The study of Moral Philosophy commences with the opening of the second term, and is continued in a similar manner to its close.

A course of Lectures on the Evidences of Revelation, is delivered to the class in Moral Philosophy, commencing with the first Monday of the term, and continuing on the Monday of each week to the close of the year.

MATHEMATICS AND PHYSICAL ASTRONOMY.

THE course of Mathematics and Physical Astronomy extends through two years and a half, and embraces the following subjects, viz :

1. Plane and Solid Geometry.
2. Algebra.
3. Trigonometry, Plane and Spherical.
4. Analytical Geometry.
5. Differential and Integral Calculus.
6. Analytical Mechanics.
7. Physical Astronomy.

The time given to each is nearly as follows, viz :—

FIRST YEAR.

FIRST TERM.	TEXT BOOKS.
Plane and Solid Geometry, - - -	*Davies's Legendre.*
SECOND TERM.	
Algebra, beginning at Chapter 5th, including the theory of Logarithms, - - -	*Davies's Bourdon.*

SECOND YEAR.

FIRST TERM.	
Plane and Spherical Trigonometry, with applications to practical problems, and the use of Logarithms, - - -	*Loomis or Davies's Legendre.*
Analytical Geometry, - - - -	*Davies or Church.*

THIRD YEAR.

FIRST TERM.	
Differential and Integral Calculus, - -	*Davies or Church.*

The object of the Mathematical course is twofold:

First, As a part of general education, to exercise the student in the process of exact reasoning, and thus secure to the mind a thorough logical discipline; and

Secondly, As a part of special education, to prepare him for original mathematical investigations, and for the varied applications of mathematical and mechanical science to practical purposes.

The studies in this department will generally be prosecuted in connection with text-books. In addition, however, to the recitations and the discussions connected with them, lectures will occasionally be given upon the history and applications of the science. It will be the constant aim of the instructor to awaken in the pupil a generous love of science, and incite him to vigorous and persevering efforts in the pursuit of it; and by frequent reviews, by the daily analysis of demonstrations, and the solution of problems original and selected, to aid him, as far as possible, in securing, not only an accurate and full knowledge of every subject of inquiry, but also a ready and skilful use of that knowledge.

It is proper to remark that any person who intends entering upon the foregoing mathematical course, should bring with him to the University, a thorough knowledge of Arithmetic and of the elements of Algebra, including the first four chapters of Davies's Bourdon, or what is equivalent. This will hereafter be indispensable, as the class will commence Algebra at the *fifth chapter*, at the beginning of the second Term.

CHEMISTRY AND PHYSIOLOGY.

The course of instruction in this department extends through one year. The first term is occupied with Chemistry proper, Heat, Electricity, Galvanism and Magnetism. These sciences are taught exclusively by lecture. A portion of time is spent each day in examination on the lecture of the preceding day; and themes are assigned weekly, requiring of the student, either an elucidation of the more important doctrines included in these sciences, or their application to an explanation of the phenomena of nature, or the processes of art. Besides this elementary course in Chemistry, provision is made for a more advanced class of students, who may desire to pursue the science into its higher principles as well as its more extended details. The students belonging to this class have constant access to the laboratory where an opportunity is afforded them, not only of witnessing the preparations for the daily lectures, but of conducting under the eye of the Professor, such other processes as may serve to make them further acquainted with the laws of chemical re-action. The works of Kane and Graham are used by these classes as books of reference.

The second Term is occupied with animal and vegetable Physiology, including the classifications of Plants and Animals, as well as the description of their structures and functions. In that part of the course relating to the Anatomy and Physiology of man, particular reference is had to the laws of health and regimen. As during the preceding term, daily examinations are had in connection with the lectures, and also weekly exercises in themes. Provision is also made throughout this term for a more advanced class of students, who may desire to pursue the science by the aid of the knife and the microscope. There is also delivered during this term a course of lectures on Geology. These lectures are accompanied by cabinet and field illustrations.

RHETORIC AND ENGLISH LITERATURE.

The instruction in this department is confined to the third year of the regular course. It is given partly by lectures and partly by text-books. Its aim is to enable the pupil to write and speak his own language with correctness and elegance, to cultivate in him a literary taste, and to impart to him a knowledge of the history and literature of the English Language. A thorough acquaintance with the ordinary rules and principles of English Grammar is required of the student entering upon this course. He will be subjected to a rigid examination in these principles, when he presents himself for admission to College. In this examination the "Analysis of the English Language," by Professor S. S. Greene, is the text-book preferred.

The subjects embraced in this course of study during the first term are, the formation and combination of sentences, the nature and use of Figurative Language, the qualities of Style and the composition of Essays. Regular Exercises in Composition and Declamation are required of all the students who attend this course. Candidates for the degree of Master of Arts are required to attend the exercise in Declamation, during two years; and all candidates for a Part at Commencement are required to attend this exercise during the last year of their College course. The text-books used during the first term are Campbell's Philosophy of Rhetoric, and Whately's Rhetoric.

The studies of the second term are Logic, and the higher branches of Rhetoric and Criticism. The text-books used are Whately's Logic and Rhetoric. The study of English Literature is pursued during the whole year. The text-book used is Spalding's History of English Literature. Lectures are also delivered, in which the progress and development of our Literature are traced from the time of the Anglo-Saxon, Anglo-Norman, and early English authors, through the successive periods of Chaucer, Spenser, Shakspeare, &c., down to the present time. This course embraces biographical sketches of the principal authors, together with criticisms of their writings. In order to secure a more thorough acquaintance with the subject, the students are expected to present written themes on such leading topics as the Professor of Rhetoric may propose for examination.

HISTORY AND POLITICAL ECONOMY.

The course in History commences with the fall of the Roman Empire, and embraces a general survey of the organization of European Society, and its progress in Mediæval and Modern times. It is designed to illustrate the origin and growth of Modern civilization in the principal nations of Europe; the origin and the leading features of the English Constitution and the extension of the English race; the Colonial and Revolutionary history of the United States, together with the theory of the American Government, the history of its formation and the outlines of its successive administrations. A considerable portion of the instruction is given by lectures. In addition to these, the following works are at present in use, either as text-books or books of reference: Guizot's History of Civilization, Hallam's Constitutional History of England, Weber's Outlines of Universal History, Bayard and Story on the Constitution of the United States.

The course in Political Economy, is associated as closely as possible with the course in History. It is designed to explain the nature of national wealth, and the laws which regulate its production and distribution, and the prosperity of nations, with illustrations from the history of the legislative enactments and economical arrangements which have prevailed in different ages and different countries. In all which, reference will be constantly made to the industrial progress and interests of our own people.

LATIN LANGUAGE AND LITERATURE.

The course of instruction in this department extends through two years and a half. In each year there are sometimes six, and never less than five, exercises a week.

The course is as follows :

I. In the first year :—1. During the First Term, Livy commenced, (Lincoln's Selections,) Cicero de Senectute and de Amicitia, Arnold's Latin Prose Composition commenced, and Roman History. In History the text-book is Pütz's Manual of Ancient Geography and History, accompanied by the reading of Schmitz's History of Rome, (Andover edition.) Niebuhr's History of Rome, Niebuhr's Lectures on Roman History, Arnold's History of Rome, and Arnold's Later Roman Commonwealth, and Findlay's Ancient Atlas, are recommended to the student. 2. During the Second Term, Livy completed, Arnold's Latin Prose Composition completed.

II. In the second year : 1. First Term. The Odes, Satires and Epistles of Horace, (Lincoln's edition.) 2. The Germania and the Agricola of Tacitus, (Tyler's edition,) and Juvenal.

III. In the third year, the Rhetorical Works of Cicero, with lectures from the Professor on the History of Roman Eloquence.

The course is not restricted to the above authors, but may be varied in different years.

Throughout each year, the students present, on alternate weeks, exercises in Latin Composition, (independent of Arnold's text-book) and English exercises, consisting either of translations from the Latin, or of Essays on subjects connected with their Latin reading. These

exercises are examined and corrected, and then returned with explanatory remarks to the class.

The Latin Grammar used is Andrews and Stoddard's. Zumpt's is recommended as a work for reference. Other books recommended, are Riddle and Arnold's English-Latin Lexicon, Smith's Dictionary of Antiquities, (the 2d edition, English, is the best) and Becker's Gallus.

The objects aimed at in the instruction are chiefly these: to enable the student, by thorough grammatical and exegetical study to read and write Latin with facility, and to pursue by himself, with pleasure and profit, the reading of such Latin books as may be recommended by the instructor; to cultivate, by a habit of faithful translation, his power of expression in his own language; and, by connecting the reading of classic Roman authors with continuous historical and literary illustration, to make the study of Latin an important means of increasing his knowledge and his mental culture.

MODERN LANGUAGES.

FRENCH.

FIRST TERM.

First Class. Fasquelle's French Course, with oral and written exercises, and exercises on the black board, in translating from French into English, and English into French.

Voltaire—Siècle de Louis XIV.

SECOND TERM.

Grammar continued, with oral and written exercises.

Collot's Dramatic Reader.

Advanced Class. French Syntax, with oral and written exercises.

Bossuet—Oraisons funèbres.

Racine—Esther and Iphigénie.

Molière—Le Bourgeois Gentilhomme.

Lectures on the history of the French Language and Literature.

GERMAN.

FIRST TERM.

Woodbury—With oral and written exercises.

Roelker's German Reader.

SECOND TERM.

Woodbury—Continued with oral and written exercises.

Die Jungfrau von Orleans.

Göthe—Iphigenia.

Lectures on the history of the German Language and Literature.

The course in each language is intended to be critical, grounding the student thoroughly in grammatical principles, and accustoming him to the same rigorous analysis which is applied to the Latin and Greek, while at the same time he is prepared for writing and speaking by the constant use of oral and written exercises. The authors named are studied as specimens of national literature, and are made the subjects of special lectures.

NATURAL PHILOSOPHY.

The course of Natural Philosophy occupies one year, and comprises Mechanics, Hydrostatics, Pneumatics, Optics, Acoustics, and Astronomy.

The instruction is by illustrated and experimental lectures, accompanied by daily examinations on previous lectures, and exercises in application of the principles taught. A text-book is used in connection with the notes taken of the lectures, to aid in the preparation for recitation. The student is also directed to such other works as may assist him in obtaining a more extended knowledge of the subjects discussed.

The following are the text-books used:

Olmstead's Natural Philosophy; Jackson's Optics; Pierce's Treatise on Sound; Norton's Astronomy.

CIVIL ENGINEERING.

The full course of Civil Engineering occupies a year and a half. It embraces the following studies and exercises:

Descriptive Geometry—Shades and Shadows—Linear Perspective—Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-work, and the measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction in all its branches, and to the nature and preparation of the materials used.

Drawing.—Geometrical and Perspective—Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying with compass, Theodolite, &c.; Leveling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz: Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections; which make up the course of Mathematics taught in the University.

Without this amount of preparation, persons may be admitted to any portion of the abovementioned course which they are able to pursue to advantage.

GREEK LANGUAGE AND LITERATURE.

The course of instruction in this department extends through two years and a half; during which there are always five and sometimes six exercises a week. The course of studies is as follows:

FIRST YEAR.

First Term.—Greek Historians, (Felton's Selections,) Arnold's Greek Prose Composition, commenced. Exercises in written translation from Greek into English, and from English into Greek.

Second Term.—Epic Poetry, (the Iliad or the Odyssey,) Arnold's Greek Prose Composition, completed. Exercises in written translation continued.

SECOND YEAR.

First Term.—Greek Orators, (Demosthenes or Isocrates.) Exercises in Greek Composition.

Second Term.—Dramatic Poetry. During this year, Essays are required on subjects connected with the authors read.

A third class in Greek is formed for those who wish to pursue a more extended course.

The course of reading may be varied from year to year. Lectures in the proper connection will be given on the History and Antiquities of the Ancient Greeks, and on the various departments of their Literature.

The Greek Grammar used is that of Kühner, the Lexicon that of Liddell and Scott. Smith's Dictionary of Antiquities, Smith's Biographical Dictionary, Eschenburg's Manual of Classical Literature, and Becker's Charicles, are recommended as works of reference.

CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of Chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week, excepting Saturday, from 9 A. M., until 5 P. M. On Saturday, during the forenoon only.

LECTURES.

A course of Lectures will be given during the winter term, on the application of Chemistry to the Arts, in which the more important processes will be explained; a sketch given of their history and progress, and the class informed of such improvements as may have come to the knowledge of the scientific world.

Without proposing to make this course in any sense a substitute for the more complete and thorough method of experimental study, it is believed that it may be made worthy the attention of those who, being interested in the application of Chemistry, have not the leisure for the pursuits of the Laboratory.

EXPENSES.

All the apparatus required will be furnished the student and charged in his account, and the charge cancelled for that which is returned in good condition.

Charge for chemicals, Alcohol, Gas, and all other materials required, use of apparatus, fuel, and other current expenses, per term, - - - - - - - - - - - -	$55,00
Fee for instruction, - - - - - - - - - - - - - -	30,00
Total, - - - - - - - - - - -	$85,00

A reasonable deduction is made in the case of those students who devote only a portion of their time to this department.

The above charge for Chemicals, materials, &c., is intended merely to cover the average cost. If the cost falls below the charge specified, the deduction will be made accordingly.

DIDACTICS.

In consequence of the establishment in Providence of the Rhode Island Normal School, instructions in this department of the University, are for the present suspended. Students wishing to pursue a course in Didactics may do it in connection with the above-mentioned School.

SECTION IV.

LIBRARIES.

The University Library is in Manning Hall, and contains at present about 25,000 well selected volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of students and gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M., till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise together nearly 7,000 volumes, accessible to all the students of the University.

SECTION V.

PREMIUMS.

The sum of four hundred and twenty dollars is annually offered in premiums to undergraduates who have attained to distinguished excellence in the various departments of study.

The University Premiums are derived from a legacy of the late Hon. Nicholas Brown. The statutes by which the award of them is governed, are the following:

1. The competition for the University premiums is open only to those students who are candidates for some one of the degrees conferred by the University.

1. No student shall be admitted as a candidate for a premium, who does not sustain an irreproachable moral character, and who is not punctual in his attendance upon all collegiate exercises.

3. No student shall be a competitor for a premium whose average standing for the year is below 15, the maximum of standing being 20.

4. No student shall be a competitor for more than one premium, whose average standing for the year is below 18.

5. The following premiums are offered for the present year.

A first premium of fifteen dollars, and a second premium of ten dollars, to the first and to the second class in Greek, to the first and to the second class in Latin, to the first and to the second class in Mathematics, and to the first class in French.

A first premium of seventeen dollars, and a second premium of fifteen dollars, to the class in English Literature, to the class in Natural Philosophy, and to the class in Physical Science.

A premium of seventeen dollars to the third class in Greek, to the third class in Latin, and to the third class in Mathematics.

A first premium of twenty dollars, and a second of seventeen dollars, to the class in History, and to the class in Intellectual and Moral Philosophy.

All papers for premiums for the present collegiate year, must be presented to the President on or before the *third day* of June.

The problems in Natural Philosophy and Mathematics are presented to competitors at the examination for premiums in those departments.

The themes for University Premiums for the present year are the following :

I. GREEK DEPARTMENT.

For the First Class :

A Greek translation of the passage in the 47th chapter of Thirlwall's History of Greece, beginning with " The fate of Thebes," and ending with " about 500 men."

For the Second Class :

A Greek Dissertation on " The character of Solon as a legislator."

For the Third Class :

A Greek Dissertation on " The character of Plutarch as a biographer."

II. LATIN DEPARTMENT.

For the First Class:

Pugnæ ad Trasimenum descriptio.

For the Second Class:

De Mæcenatis vita et moribus, et in litteras Latinas meritis.

For the Third Class:

Pericles et Augustus inter se comparati.

III. DEPARTMENT OF MODERN LANGUAGES.

For the First Class in French:

"The last visit of Voltaire to Paris."

IV. DEPARTMENT OF RHETORIC AND ENGLISH LITERATURE.

"The Poetry of Cowper."

V. DEPARTMENT OF PHYSICAL SCIENCE.

"Oxygen as a Carrier."

VI. DEPARTMENT OF HISTORY.

"The character of Alexander Hamilton as a Statesman."

VII. DEPARTMENT OF INTELLECTUAL AND MORAL PHILOSOPHY.

"Reid and Stewart as Intellectual Philosophers."

The PRESIDENT'S PREMIUMS are awarded to those students entering as candidates for the degree of A. B. or of A. M., who have attained the highest excellence in the studies preparatory for admission to the University.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Greek Language.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Latin Language.

The examination for the President's Premiums is held on the first Monday of the first Collegiate term. The competitors will be examined in the studies preparatory for entrance, and especially in the first six books of the Æneid of Virgil, and the first three books of Xenophon's Anabasis. The examiners are the Professor of Latin, the Professor of Greek, and Mr. James Tillinghast.

The premiums for the academical year 1853–4, were awarded as follows:

1. Natural Philosophy and Astronomy.
   The First Premium to William J. Batt.
   The Second do. to Joseph W. Congdon.
2. Rhetoric.
   A Second Premium to Thomas Simons, Jr.
   Also a Second do. to William J. Batt.
3. Modern Languages.
   The First Premium to Charles Blake.
   The Second do. to John H. DeWolf.
4. Mathematics.
   First Year.—The First Premium to Edward H Cutler.
   The Second Premium to Lyman B. Tefft.
   Also, an equal Second Premium to George Tanner.
   Second Year.—The Second Premium to Franklin Burdge.
5. Latin.
   First Year.—The First Premium to Edward H. Cutler.
   Second Year.—The First Premium to Uriah W. Lawton.
6. Greek.
   First Year.—The First Premium to Edward H. Cutler.
   The Second do. to George Tanner.
   Second Year.—The First Premium to Charles B. Goff.
7. Physical Science.
   The First Premium to Albert H. Plumb.
   The Second do. to Joseph W. Congdon.
   A Third do. to Joseph D. Long.
   A Fourth do. to Franklin Burdge.

The President's Premiums for excellence in the studies preparatory to admission, were awarded as follows:

The Second Premium in Latin, to Charles M. Smith, instructed by Messrs. Lyon and Frieze, of the University Grammar School.

The Second Premium in Greek, to Charles M. Smith, instructed by Messrs. Lyon and Frieze, of the University Grammar School.

Also, a Second Premium in Greek, to Robert B. Chapman, from the same school.

SECTION VI.

TERM EXAMINATIONS.

Examinations of all the classes are held at the close of each term. These examinations are both oral and in writing. When in writing, the questions are prepared by the committees of examination, and presented to each student, at the time of the examination, and he is required to return his answers within a specified time. From the aggregate value of these answers, his standing by examination is determined.

The following committees of examination in the several departments, have been appointed by the Executive Board :

1. Greek Language.

Mr. Brooks, Rev. Thatcher Thayer,
Rev. Silas A. Crane, Merrick Lyon, Esq.,
Rev. Samuel H. Wolcott, James Tillinghast, Esq.

2. Latin Language.

Professor Lincoln, Francis Wayland, Jr., Esq.,
Hon. Charles Thurber, Mr. William E. Tolman,
Mr. Benjamin Braman.

3. Modern Languages.

Professor Angell, Mr. Percival W. Bartlett,
Rev. F. H. Hedge, D. D., William Goddard, Esq.,
William Binney, Esq.

4. Rhetoric and English Literature.

Professor Dunn, Wingate Hayes, Esq.,
Rev. Leonard Swain, F. J. Dickman, Esq.,
Benjamin F. Thurston, Esq.

5. Physical Science.

Professor Chace, C. W. Parsons, M. D.,
Owen Mason, Esq., J. W. C. Ely, M. D.,
G. L. Collins, M. D.

6. History and Political Economy.

Professor Gammell, Hon. C. S. Bradley,
Samuel Ames, Esq., Abraham Payne, Esq.,
Hon. S. G. Arnold.

7. Intellectual and Moral Philosophy.

President Wayland, Rev. J. Leavitt, D. D.,
Rev. N. B. Crocker, D. D., Rev. James N. Granger, D. D.,
Nathan Bishop, Esq.

8. Didactics.

Professor Greene, Rev. Thomas F. Vail,
Rev. Thomas Shepard, D. D., Elisha R. Potter, Esq.,
Mr. Zuinglius Grover.

9. Mathematics.

Professor Caswell, Caleb Farnum, Esq.,
Moses B. Lockwood, Esq., Rev. Frederic Denison,
Rowland Hazard, Esq.

10. Natural Philosophy and Civil Engineering.

Professor Day, S. B. Cushing, Esq.,
Zachariah Allen, LL.D., E. S. Chesbrough, Esq.

11. Chemistry Applied to the Arts.

Professor Chace, J. J. Ellis, M. D.,
T. P. Shepard, M. D., George Thurber, Esq.,
E. M. Snow, M. D.

SECTION VII.

DIRECTIONS FOR STUDENTS.

1. The terms of the University always commence on Friday. This and the following days are occupied in making the necessary preliminary arrangements. Every student is expected, within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he intends to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to make choice of his studies immediately upon the commencement of the term, and to present himself at the first exercise; any failure to do so, will be reported with demerits.

4. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

5. In case of absence, the student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

6. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

7. At 12 o'clock, M., of every day, all absences which have occurred during the previous twenty-four hours, are reported to the Regent.

8. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency without excuse, in any literary exercise.

9. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student of the fact; and when his demerits amount to 100, to dismiss him from the University.

10. After reports are entered on the books of the Register, no alteration can be made on account of neglect to present an excuse on the part of the student.

11. Candidates for admission are required to present to the President adequate certificates of unquestionable moral character.

SECTION VIII.

MISCELLANEOUS.

ARRANGEMENT OF STUDIES FOR THE FIRST TERM.

From 8,30 A. M., to 10, 1st Mathematics, in divisions.
" 8,30 to 9,50, 2d Latin.
" " " " History.
" 8,30 " 1, Analytical Chemistry.

From 10 " 11,45, 1st Latin, in divisions.
" 10 " 11,20, 2d Greek.
" " " " Natural Philosophy.
" " " " Intellectual Philosophy.

From 11,40 " 1, 1st Greek.
" " " " Chemistry.
" " " " German, 3d Latin, 3d Greek, 3d Mathematics.

From 3 P. M., to 4,20, Rhetoric.
" 4,30 to 6, French and 2d Mathematics, in alternating divisions.

ARRANGEMENT OF STUDIES FOR THE SECOND TERM.

From 8,30 A. M. to 10, 1st Mathematics, in divisions.
" 8,30 to 9,50, 2d Latin.
" " " " History and Political Economy.
" 9,30 " 10,30, Natural Philosophy.

From 10 " 11,45, 1st Latin, in divisions.
" 10 " 11, 2d Mathematics.
" 10 " 11,20, Moral Philosophy.

From 11,40 to 1, Physiology.
" " " " 1st Greek.
From 2,30 P. M. to 4, French, in divisions.
" 3,40 to 5, Rhetoric.
" " " " 2d Greek.

The time for the following studies is not fixed: Geology and Physical Geography, Political Economy, 3d Latin, 3d Greek, 3d Mathematics.

Rhetorical Exercises throughout the Academic year, at 3 P. M. on Wednesday.

Term bills must be paid at the commencement of each term.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5,00.

The fee for each course, exclusive of the special courses, is per term $6,00.

The special courses are the class in Analytical Chemistry and in Chemistry applied to the Arts; and the class in Civil Engineering.

For the full course in these classes, the fee is $30,00 per term, but students may attend either of these classes in connection with those of the other departments, in which case they pay a fee in proportion to the time they occupy.

Rooms are furnished in the college buildings, if two students occupy the same room, at $4,50 per term, or $9,00 per year.

If a student occupy a room alone, his rent and servants' hire are doubled.

Board is not furnished in college. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:

Board at from $2,25 to $3,00 per week. Board and Lodging, with furnished rooms, in some cases washing or fuel included, from $3,50 to $4,00 per week. The other expenses are, per term:—Use of Library, $1,50: Register's salary, $2,00: Servants' hire for those rooming in College, $3,50: for those who room in town, $1,50; Repairs and Public Fuel, from $1,40 to $1,60 each.

CALENDAR FOR 1854-55.

Commencement, - - - - First Wednesday in September.
First Exhibition, - - - - - Third Saturday in November.
Second Exhibition, - - - Second Saturday in May.

The Academical Year is divided into two terms of twenty weeks each.

First Term begins, - - - Friday following Commencement.
" " ends, - - - - Thursday, January 25.
Second Term begins, - - Friday, February 23.
" " ends, - - - Thursday, July 12.
Winter Vacation, - - - From January 26 to February 22.
Summer Vacation, - - - - From July 13 to Commencement.

The week of the annual Thanksgiving is given as a recess, and no other recess is given during the year.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1855-56.

CORPORATION.

BOARD OF FELLOWS.

REV. BARNAS SEARS, D.D.,
PRESIDENT.

REV. NATHAN B. CROCKER, D.D.
REV. FRANCIS WAYLAND, D.D., LL.D.
HON. JOHN PITMAN, LL.D.
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JOHN C. BROWN, A.M.
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PROFESSOR OF THE THEORY AND PRACTICE OF AGRICULTURE.

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NAMES.	RESIDENCE.	ROOMS.
Augustus O. Bourn, A. M.,	Providence,	Mr. Bourn's.
Joseph W. Congdon, A. M.,	"	Mr. Congdon's.

UNDERGRADUATES

OF FOUR YEARS' STANDING.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Charles H. Alden,	Bristol,	A. M.,	51 U. H.
J. Frank Bailey,	Hopkinton, N. H.	A. B.,	12 Halsey St.
Charles Blake,	Bristol,	A. M.,	21 College St.
Nicholas B. Bolles,	Providence,	A. B.,	49 William St.
Julius Bond,	Hartford, Conn.,	A. M.,	49 U. H.
Nathaniel G. Bonney,	Fall River, Mass.,	A. M.,	43 U. H.
Franklin Burdge,	New York, N. Y.,	A. M.,	30 U. H.
Samuel L. Crocker, Jr.,	Taunton, Mass.,	A. M.,	8 H. C.
William B. Crocker,	Taunton, Mass.,	A. M.,	36 U. H.
‡Samuel Cushman, Jr.,	S. Attleboro,' Mass.,	S. C.,	43 H. C.
James M. Cutts, Jr.,	Washington, D. C.,	A. M.,	33 U. H.
‡William Fitz,	Boston, Mass.,	S. C.,	23 H. C.
Isaac H. Gilbert,	Easton, Conn.,	A. B.,	38 H. C.
Charles B. Goff,	Fall River, Mass.,	A. M.,	91 Broad St.
Ezra H. Heywood,	Hubbardston, Mass.,	A. M.,	43 H. C.
Uriah W. Lawton,	S. Westport, Mass.,	A. M.,	44 H. C.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Edward F. Leonard,	Providence,	A. M.,	23 Federal St.
†Watts T. Loomis,	Little Falls, N. Y.,	S. C.	
†William H. Morrison,	Indianapolis, Ia.,	A. M.	
Richard Olney,	Oxford, Mass.,	A. M.,	41 U. H.
John Peirce,	Providence,	A. M.,	23 Benevolent St.
Benjamin L. Ray,	Providence,	B. P.,	44 H. C.
Joseph W. Reed,	Boston, Mass.,	A. M.,	58 U. H.
‡Benjamin F. Robert,	Marietta, Ga.,	S. C.,	208 Westminster St.
†Samuel Starkweather,	Cleveland, Ohio,	S. C.,	19 U. H.
George L. Stedman,	Southbridge, Mass.,	A. M.,	10 H. C.
‡Abner D. Strong,	Ashtabula, Ohio,	S. C.,	88 Pine St.
John E. Tourtellotte,	Thompson, Conn.,	A. M.,	37 H. C.
Oliver S. Westcott,	Wickford,	A. M.,	129 Friendship St.
Francis W. White,	Winchendon, Mass.,	A. M.,	42 U. H.
Gardner M. Wickes,	Providence,	A. M.,	219 Friendship St.

UNDERGRADUATES

OF THREE YEARS' STANDING.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Elisha S. Aldrich,	Glocester,	B. P.,	34 U. H.
Franklin R. Barrett,	Portland, Me.,	A. B.,	5 H. C.
George P. Barrett,	" "	S. C.,	5 H. C.
Henry T. Bissell,	Toledo, Ohio,	S. C.,	26 U. H.
William H. Bowen,	N. Providence,	A. M.,	Mr. Bowen's.
John B. Brackett,	Woburn, Mass.,	A. M.,	12 H. C.
Alexander T. Britton,	New York, N. Y.,	A. B.,	32 South Main St.
‡Henry Brokmeyer,	Minden, Prussia,	S. C.,	30 U. H.
Charles A. Cargill,	Cumberland,	A. M.,	3 H. C.
George W. Carr,	Pawtuxet,	A. M.,	57 U. H.
Charles H. Childs, Jr.,	Providence,	A. M.,	27 Dorrance St.
Edward W. Clarke,	Northeast, N. Y.,	A. M.,	9 H. C.
Henry F. Clark,	Cleveland, Ohio,	S. C.,	16 U. H.
Edward H. Cutler,	Providence,	A. M.,	52 Mathewson St.
†William B. Dart,	"	A. B.,	79 Friendship St.
Thomas Dean,	"	A. M.,	33 H. C.
J. Halsey DeWolf,	"	A. B.,	206 Westminster St.
Samuel C. Eastman,	Concord, N. H.,	A. M.,	41 H. C.
†Louis Falligant,	Savannah, Ga.,	A. B.,	37 U. H.
Samuel J. Fletcher,	Whitinsville, Mass.,	S. C.,	21 H. C.
Henry C. Ford,	Philadelphia, Pa.,	A. B.,	12 Halsey St.
Charles S. Forsyth,	Louisville, Ky.,	A. M.,	38 U. H.
Thomas W. Fox,	Worcester, Mass.,	A. B.,	21 College St.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
†Sheridan P. Gillette,	Ravenna, Ohio,	S. C.,	38 U. H.
Daniel Goodwin,	Providence,	A. M.,	24 Broadway.
John M. Hay,	Warsaw, N. Y.,	A. M.,	19 U. H.
John N. Hazard,	South Kingstown,	A. B.,	25 Waterman St.
‡James B. Herreshoff,	Bristol,	S. C.,	21 College St.
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John Lamb,	Norwich, N. Y.,	A. M.,	31 Prospect St.
Aaron C. Lyon,	Bedford, N. Y.,	A. M.,	2 H. C.
Francis Mansfield,	Lowell, Mass.,	A. M.,	16 H. C.
Elisha C. Mowry,	Sheboygan, Wis.,	A. M.,	14 Mulberry St.
William E. Norris,	Pittsfield, Ill.,	A. M.,	20 U. H.
Frederick Paine,	Providence,	A. M.,	29 Congdon St.
Daniel B. Pond,	Woonsocket,	A. M.,	16 U. H.
Reuben B. Pool,	Rockport, Mass.,	A. M.,	30 H. C.
Robert W. Potter, Jr.,	Providence,	A. B.,	33 H. C.
William A. Rogers,	Waterford, Conn.,	A. B.,	17 U. H.
Frederick W. Shaw,	Raynham, Mass.,	S. C.,	94 Benevolent St.
James G. Sproat,	Wareham, Mass.,	A. M.,	56 U. H.
William L. Stone,	Saratoga Springs,	A. M.,	31 Prospect St.
Addison A. Stuart,	Sterling, Mass.,	A. M.,	28 H. C.
Samuel L. Swisher,	Groveport, Ohio,	A. M.,	42 H. C.
George Tanner,	Voluntown, Conn.,	A. M.,	56 U. H.
Samuel Thurber,	Providence,	A. M.,	467 N. Main St.
Samuel D. Tobey,	Warren,	A. M.,	26 H. C.
‡Nahum M. Tribou, Jr.,	Middleboro', Mass.,	A. M.,	31 U. H.
‡William M. Turner,	Hicksford, Va.,	B. P.,	37 U. H.
William A. White,	Middleboro', Mass.,	A. M.,	40 U. H.
Charles H. Wood,	North Lyme, Conn.,	A. B.,	28 H. C.
†Frederick Wood,	New York, N. Y.,	S. C.,	119 Benefit St.
†Josiah G. Woodbury,	Bedford, N. H.,	A. B.,	115½ N. Main St.

UNDERGRADUATES

OF TWO YEARS' STANDING.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Samuel W. Abbott,	Woburn, Mass.,	A. M.,	11 H. C.
Roland F. Alger,	W. Bridgew'tr, Mass.,	B. P.,	31 H. C.
†William A. Anthony,	Coventry,	S. C.	
Dexter A. Ballou,	Woonsocket,	A. B.,	58 Charles St.
‡James H. Barker,	McConnelsville, Ohio,	S. C.,	105 Clifford St.
C. Edwin Barrows,	S. Attleboro', Mass..	A. M.,	14 H. C.
Clarence Bate,	Louisville, Ky.,	A. B.,	51 George St.
George Beverly, Jr.,	Providence,	A. M.,	61 Mathewson St.
James H. Blandy,	Newark, Del.,	B. P.,	129 Friendship St.
Lucius S. Bolles,	Providence,	A. M.,	49 William St.
Oliver F. Bryant,	Woburn, Mass.,	S. C.,	10 Cherry St.
‡Luther R. Burlingame,	Knoxville, Pa.,	S. C.,	124 Broadway.
Robert B. Chapman,	Providence,	A. M.,	57 Angell St.
Edward L. Clark,	Boston, Mass.,	A. M.,	122 N. Main St.
Nathaniel A. Cole,	Seekonk, Mass.,	S. C.,	Mr. Cole's.
Walter Congdon,	Polk Co., Tenn.,	B. P.,	21 College St.
Wallace W. Corbett,	Bridgewater, N. Y.,	S. C.,	19 U. H.
E. Washburn Coy,	E. Abington, Mass.,	A. M.,	14 H. C.
Charles H. Deanes,	Easton, Mass.,	A. B.,	19 H. C.
Howard M. Emerson,	N. Reading, Mass.,	A. M.,	15 H. C.
Albert E. Faxon,	Woonsocket,	A. M.,	136 Benefit St.
J. Henry Gilmore,	Concord, N. H.,	A. M.,	12 H. C.
Robert I. Goddard,	Providence,	A. M.,	38 George St.
Merrick Goldthwait,	Uxbridge, Mass.,	A. M.,	32 H. C.
Arnold Green,	Providence,	A. M.,	14 John St.
Edward M. Gushee,	Bristol,	A. M.,	18 H. C.
Charles H. Hapgood,	Petersham, Mass.,	A. B.,	25 H. C.
Samuel C. Harris,	Cincinnati, Ohio,	A. M.,	24 U. H.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
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†Robert J. Henderson,	Philadelphia, Pa.,	S. C.,	12 Halsey St.
Charles L. Kneass,	Philadelphia, Pa.,	B. P.,	52 U. H.
Leander C. Manchester,	North Providence,	A. M.,	57 U. H.
John M. Manning,	Pomfret, Conn.,	A. M.,	23 H. C.
George H. Marston,	Limington, Me.,	A. B.,	61 Mathewson St.
Henry G. Merriam,	Goshen, N. Y.,	A. B.,	29 H. C.
William A. Mowry,	Slatersville,	A. M.,	11 H. C.
Abial W. Nelson,	Lakeville, Mass.,	A. M.,	26 H. C.
George E. Newell,	Cumberland,	S. C.,	Mr. White's.
Walter B. Noyes,	Providence,	A. B.,	49 William St.
Joseph H. Patten,	"	S. C.,	25 Union St.
Charles C. Peavey,	Tuftonboro', N. H.,	S. C.,	Howell St.
Frank Peavey,	" "	S. C.,	" "
Francis B. Peckham, Jr.,	Newport,	A. B.,	19 H. C.
William B. Phillips,	Providence,	A. M.,	Rev. Mr. Phillips's.
Nathaniel Robbins,	W. Townshend, Vt.,	A. B.,	129 Friendship St.
John M. Read, Jr.,	Philadelphia, Pa.,	A. M.,	53 Prospect St.
‡James A. Robert,	Portsmouth, Ohio,	A. M.,	23 U. H.
Henry G. Safford,	Boston, Mass.,	A. M.,	24 H. C.
†Augustus E. Scott,	Milford, Mass.		
Charles Sewall,	Rockport, Mass.,	A. B.,	32 S. Main St.
Samuel G. Silliman,	Bridgeport, Conn.,	A. M.,	44 U. H.
Benjamin H. Smith,	Rockport, Mass.,	A. B.,	30 H. C.
Charles M. Smith,	Providence,	A. M.,	102 Hope St.
Joseph C. Snow,	Harrison, Ohio,	S. C.,	Rev. Mr. Simmons's.
J. Lippitt Snow,	Providence,	A. M.,	Mr. W. C. Snow's.
Samuel Snow,	Boston, Mass.,	S. C.,	129 Friendship St.
Judson A. Stanton,	Wilbraham, Mass.,	S. C.,	148 Benefit St.
Solon W. Stevens,	Lowell, Mass.,	A. M.,	16 H. C.
John D. Taylor,	Providence,	B. P.,	6 Chapel St.
Lyman B. Tefft,	Exeter,	A. M.,	26 U. H.
David Weston,	Middleboro', Mass.,	A. M.,	17 H. C.
William P. Wetherell,	Taunton, Mass.,	S. C.,	94 Benevolent St.
William C. Wright,	Providence,	B. P.,	157 S. Main St.

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OF ONE YEAR'S STANDING.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Samuel N. Aldrich,	Upton, Mass.,	A. M.,	32 H. C.
Crawford Allen, Jr.,	Providence,	S. C.,	44 William St.
Thomas C. Arnold,	"	S. C.,	124 S. Main St.
Joseph A. Ansley,	Knoxville, Ga.,	S. C.,	94 Benevolent St.
Samuel S. Bailey,	West Point, N. Y.,	A. M.,	21 College St.
Timothy W. Bancroft,	Worcester, Mass.,	A. M.,	31 U. H.
Edward L. Barker,	Newport,	A. M.,	13 H. C.
Lewis H. Bowen,	Warren,	A. M.,	37 U. H.
William E. Bowen,	Providence,	A. M.,	107 Power St.
Edward Bredell,	St. Louis, Mo.,	S. C.,	24 U. H.
James Brown,	Pawtucket, Mass.,	S. C.,	44 U. H.
Elbert S. Carman,	Brooklyn, N. Y.,	S. C.,	51 George St.
Charles B. Chace,	Fall River, Mass.,	S. C.,	17 H. C.
Charles L. Colby,	Newton Centre, Mass.,	B. P.,	119 Benefit St.
Edwin Cowles,	Claremont, N. H.,	A. M.,	1 H. C.
Robert W. Douglas,	Brooklyn, N. Y.,	B. P.,	62 George St.
Daniel Eberly,	Shiremanstown, Pa.,	S. C.,	62 George St.
William Eddy,	New Bedford, Mass.,	A. M.,	34 U. H.
Frederick D. Ely,	Wrentham, Mass.,	A. M.,	48 U. H.
William G. Ely,	Norwich, Conn.,	B. P.,	62 George St.
Wade H. Davis,	Hopkinsville, Ky.,	S. C.,	Rev. Mr. Simmons's.
Ezekiel L. DeCamp,	Cincinnati, Ohio,	A. M.,	20 H. C.
James F. DeCamp,	" "	A. M.,	20 H. C.
James R. Dockray, Jr.,	Portland, Me.,	A. B.,	22 U. H.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Jacob Dunnell, Jr.,	Pawtucket, Mass.,	A. M.,	50 U. H.
Eleazer D. Farr,	Goshen, N. H.,	S. C.,	4 H. C.
Robert S. Fielden,	Great Falls, N. H.,	S. C.,	55 George St.
Zenas S. Freeman,	Brookfield, N. S.,	A. M.,	17 U. H.
Richard G. Fry.	East Greenwich,	A. M.,	35 H. C.
William H. Hathaway,	Bristol,	S. C.,	Rev. Mr. Simmons's.
Silas P. Holbrook,	Wrentham, Mass.,	A. M.,	48 U. H.
Benjamin T. Hutchins,	Concord, N. H.,	A. M.,	60 Waterman St.
William H. H. Jenney,	Mt. Clemens, Mich.,	A. M.,	148 Benefit St.
William B. Jones,	Raleigh, N. C.,	S. C.,	Franklin House.
Adoniram B. Judson,	Plymouth, Mass.,	A. M.,	29 Benevolent St.
Elnathan Judson,	" "	A. M.,	" " "
William W. Keen, Jr.,	Philadelphia, Pa.,	A. M.,	23 U. H.
William King,	Newport,	A. M.,	7 H. C.
Moses Lyman, Jr.,	Goshen, Conn.,	A. B.,	62 George St.
Francis E. Manly,	Smithfield,	B. P.,	Franklin House.
Robert Millar,	N. Providence,	B. P.,	36 H. C.
Edwin W. Mitchell,	Cincinnati, Ohio,	B. P.,	25 Waterman St.
Edgar R. Morris,	Quincy, Ill.,	A. M.,	20 U. H.
Stephen S. Nash,	Addison, Me.,	A. B.,	45 U. H.
Louis H. Newbold,	Philadelphia, Pa.,	S. C.,	251 Westminster St.
Alfred North,	Torrington, Conn.,	B. P.,	94 Benevolent St.
Egbert Olcott,	Cherry Valley, N. Y.,	B. P.,	22 U. H.
Charles H. Perkins,	Boston, Mass.,	A. B.,	40 U. H.
Joseph Perkins,	Lyme, Conn.,	A. B.,	34 H. C.
Charles H. Perry,	Worcester, Mass.,	A. M.,	58 George St.
Henry Phelps,	Lewistown, Ill.,	B. P.,	94 Benevolent St.
J. Trask Plumer,	Goffstown, N. H.,	A. M.,	1 H. C.
Samuel T. Poinier,	Cincinnati, Ohio,	A. M.,	23 U. H.
Walter M. Potter,	Roxbury, Mass.,	A. M.,	57 Waterman St.
Albert K. Potter,	Coventry,	A. M.,	35 H. C.
George L. Porter,	Concord, N. H.,	A. M.,	41 H. C.
Hascall Ransford, Jr.,	Norwich, N. Y.,	A. M.,	94 Benevolent St.
Nathan A. Reed, Jr.,	Wakefield,	A. M.,	2 H. C.
Aaron Smith,	Troupville, Ga.,	A. B.,	37 U. H.
Joseph Smith,	Warren,	A. M.,	31 U. H.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Virgil C. Smith,	Cumberland,	A. M.,	Franklin House.
Daniel Southwick,	Ashtabula, Ohio,	S. C.,	Franklin House.
Dexter S. Stone,	Providence,	B. P.,	77 Cranston St.
J. Frank Stuart,	Worcester, Mass.,	A. M.,	36 H. C.
Thomas F. Tobey,	Providence,	A. M.,	110 Benevolent St.
Henry E. Tyler,	Pawtucket,	S. C.,	Mr. Tyler's.
Atkinson C. Varnum,	Dracut, Mass.,	S. C.,	94 Benevolent St.
Henry H. Washburn,	Worcester, Mass.,	S. C.,	119 Benefit St.
Richard Waterman,	Providence,	A. M.,	32 Benefit St.
Solon F. Whitney,	Harvard, Mass.,	S. C.,	43 U. H.
Charles P. Williams,	Cincinnati, Ohio,	B. P.,	25 Waterman St.
James Williams,	Norwich, N. Y.,	A. M.,	31 H. C.
Jonathan M. Wood,	Fall River, Mass.,	A. B.,	45 U. H.
Reading Wood,	Bristol, Pa.,	B. P.,	94 Benevolent St.

ABBREVIATIONS.

U. H.....University Hall.
H. C.....Hope College.
A. M.....Master of Arts.
A. B.....Bachelor of Arts.
B. P.....Bachelor of Philosophy.
S. C.....Select Course.
*.....Deceased.
†.....Dismissed by request.
‡.....Absent by permission.

SUMMARY.

Resident Graduates,.....	2
Undergraduates of four years' standing,.....	31
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	225

Candidates for the degree of A. M.....118	
" " " A. B.....	33
" " " B. P.....	21
Students pursuing a Select Course,.....	53
	225

TIME AND CONDITIONS OF ADMISSION.

The Laws of the University direct that the Courses of Study shall be so arranged as to accomplish, as far as possible, the following objects:

"1. To enable a student to pursue, to the best advantage, any single course which he may choose.

2. To enable a student to pursue for a single term, a single year, or any other portion of time, such studies as he may believe to be for his advantage.

3. To allow students who are candidates for degrees, to pursue the studies necessary for a degree in a longer or a shorter time, as their age, ability, or pecuniary circumstances may render convenient for themselves; the Faculty, however, having the right to direct the studies of such students in such manner as may prevent idleness on the one hand, or superficial haste on the other."

The various classes are organized in conformity with the above enactments. Hence, students may be admitted either as candidates, or not as candidates, for a degree. Those who are not candidates for a degree, are at liberty to pursue the studies of such classes as they may select; unless, however, special permission be granted to the contrary, they are subjected to the same examinations, and are, equally with other students, amenable to the laws of the University.

The examinations for admission to the University are held on Thursday, Friday and Saturday of Commencement week, and on Thursday, Friday and Saturday of the first week of the second Collegiate term.

Candidates for admission to the course prescribed for the Master of Arts, are examined in

Arithmetic, and Algebra as far as Quadratic Equations,

Ancient and Modern Geography,

English Grammar, and the use of the English language,

Greek Grammar, the Greek Reader, or an equivalent portion of some classical Greek Author, and in writing Greek.

Latin Grammar, Cæsar's Commentaries, the Æneid of Virgil, Six Orations of Cicero, Latin Prosody, and in writing Latin.

For admission to the course for the degree of Bachelor of Arts, students are examined in the studies above mentioned, except that the candidate need be examined only in the preparatory studies of that ancient language which he intends to pursue, if he elect to pursue only one.

To be admitted to the course for the degree of Bachelor of Philosophy, students are examined in all the above studies, with the exception of the Ancient Languages and Ancient Geography.

A student, who is a candidate for a degree, entering upon advanced standing, must be examined in all the studies which students of the same standing have previously pursued.

Students, who wish to pursue a select course, without entering as candidates for a degree, must be examined in the several branches of a good English education.

No student shall be admitted as a candidate for matriculation, unless he bring suitable testimonials of good moral character; and if he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in, the institution which he has left.

The earliest age, at which, in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

The form of matriculation is as follows:—A student who wishes to become a member of the University, must first present his testimonials to the President, who, if satisfied with his evidences of good character, will admit him as a candidate to be examined for admission. If his examination be satisfactory, the student shall procure and read a copy of the Laws of the University, after which he shall call again upon the President and sign a declaration of his deliberate intention to obey all the laws of the University, so long as he shall remain a member of it.

The President shall then give him a certificate of Matriculation, which shall entitle him to purchase his tickets and proceed with the studies of his class.

As soon as the student is matriculated, (if he be a minor,) the President shall send by mail to his parent or guardian, a copy of the laws of the University.

DEGREES, AND THE COURSES OF INSTRUCTION.

The regular Degrees conferred in this University are the Degrees of Master of Arts, Bachelor of Arts, and Bachelor of Philosophy.

The Degree of Master of Arts is intended for those students who desire to pursue a full course of liberal education. In order to become a candidate for this degree, the student must obtain certificates of proficiency in the following courses of instruction:—

Each of the Ancient Languages for one year and a half,
Mathematics for one year and a half,
One Modern Language for one year,
Natural Philosophy for one year,
Rhetoric and English Literature for one year,
Chemistry and Physiology for one year,
History for one year,
Intellectual and Moral Philosophy for one year.

The remaining courses required for this degree must be selected from the courses in Political Economy, Geology, a second Modern Language, advanced Latin, advanced Greek, or from advanced courses in any of the other departments.

The Degree of Bachelor of Arts is designed especially for those who desire to prepare themselves for the different professions, and yet, from unavoidable circumstances, are unable to pursue a complete course of liberal education. In order to render it accessible to such students, the number of studies is limited, and some liberty of choice

is granted, that they may be enabled to select such studies as will the better enable them to prepare themselves for a particular profession.

In order to become a candidate for the degree of Bachelor of Arts, the student having been regularly examined for entrance, must be proficient in nine courses of one year each. These must be two courses in an Ancient Language, one in a Modern Language, one in Mathematics, one in Rhetoric, one in History, and one in Intellectual and Moral Philosophy. The two remaining courses must be selected from the courses in Natural Philosophy, Chemistry and Physiology, Political Economy and Geology, or from advanced courses in any of the other departments.

The Degree of Bachelor of Philosophy is designed for those students who are intended for the pursuits of active life. It is the wish of the Corporation to make the requirements for obtaining it such as will confer a high degree of intellectual culture, without the necessity of studying the Ancient Languages.

For the Degree of Bachelor of Philosophy, the candidate having entered by regular examination, must be proficient in nine courses of one year each. These must be one in Mathematics, one in a Modern Language, one in Rhetoric, one in Chemistry and Physiology, one in Natural Philosophy, one in History, and one in Intellectual and Moral Philosophy. The two remaining courses must be selected from Political Economy, Geology, a second Modern Language, or from advanced courses in any of the other departments.

A student who attends for two years the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

It is the design of the Corporation to require for the Degrees of Bachelor of Arts and of Philosophy, an amount of study which may be accomplished in three years, but which may, if he pleases, occupy the student profitably for four years; and to require for the Degree of Master of Arts an amount of study which may be accomplished in four years, but which, if generously pursued, may occupy the student with advantage a considerably longer time. And the Faculty have the power to direct in all cases the discontinuance of a third study, or the

addition of a third to two already pursued, if such diminution or addition of labor will, in their opinion, be for the advantage of the student. Whenever a study is postponed, the ticket which the student has purchased shall be available for the same course at any subsequent time without additional charge.

The degree of Bachelor of Arts or that of Bachelor of Philosophy, does not entitle the graduate to the degree of Master of Arts in course. The latter degree is conferred on those only who have pursued the full course of instruction prescribed by the statutes of the University.

THE Courses of instruction for the several degrees are pursued as follows:

I. FOR THE DEGREE OF MASTER OF ARTS.

FIRST YEAR.

FIRST TERM.

1. *Greek.* Felton's Greek Historians.—Arnold's Greek Prose Composition.—Smith's History of Greece.
2. *Latin.* Cicero de Senectute and De Amicitia.—Livy (Lincoln's Selections) commenced.—Arnold's Latin Prose Composition.—Schmitz's History of Rome.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Greek.* Homer's Iliad.—Arnold's Greek Prose Composition completed.
2. *Latin.* Livy completed.—Arnold's Latin Prose Composition completed.
3. *Mathematics.* Davies's Bourdon's Algebra, beginning at Chapter 5th.

SECOND YEAR.

FIRST TERM.

1. *Greek, and Latin.* Demosthenes.—Exercises in Greek Composition. Horace (Lincoln's edition).—Exercises in Latin Composition.—Lectures.
2. *Mathematics.* Plane and Spherical Trigonometry, Loomis, or Davies's Legendre.
3. *French, or German.* Fasquelle's French Course.—Oral and Written Exercises.—Voltaire's Siècle de Louis XIV. Woodbury, with oral and written exercises. Roelker's German Reader.

SECOND TERM.

1. *Greek, and Latin.* Demosthenes.—Exercises in Greek Composition. Horace.—Exercises in Latin Composition.—Lectures.
2. *French, or German.* Fasquelle continued, with Exercises.—Collot's Dramatic Reader. Woodbury continued, with Exercises.—Schiller's Jungfrau von Orleans.—Göthe's Iphigenia.
3. *Mathematics, or Physiology.** Analytical Geometry. Lectures.

THIRD YEAR.

FIRST TERM.

1. *Natural Philosophy.* Smith's Mechanics, and Lectures.
2. *Rhetoric.* Campbell, and Lectures.—Spalding's History of English Literature, and Lectures.—Essays and Declamations.
3. *Chemistry.* Lectures.

* Physiology is a study required for this degree, but it may be pursued either this term, or the second term of the third year, at the option of the student, in the manner designated in the course.

SECOND TERM.

1. *Natural Philosophy.* Norton's Astronomy, and Lectures.
2. *Rhetoric.* Whately's Logic, and Lectures.—Whately's Rhetoric. Spalding's History of English Literature, and Lectures.—Essays and Declamations.
3. *Physiology.* Lectures,

   Or any two of the following elective* studies, viz.:

   (1.) *Geology.* Lectures.

   (2.) *Political Economy.* Wayland and Lectures.

   (3.) *Latin.* The Rhetorical Works of Cicero.—Latin compositions.—Lectures.

   (4.) *Greek.* Sophocles or Euripides.—Greek Compositions.

FOURTH YEAR.

FIRST TERM.

1. *Intellectual Philosophy.* Wayland.
2. *Modern History.* Guizot, Hallam, and Lectures.
3. Either of the following elective studies, viz.:

   (1.) *Latin,* Tacitus.—Lectures.
   and Greek. Plato.

   (2.) A Modern Language.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *English and American History, and Constitutional Law.*—Hallam, Bayard, and Lectures.
3. A Modern Language, continued,

   Or any two of the following elective* studies, viz.:

   (1.) *Geology.*

   (2.) *Political Economy.*

   (3.) *Latin.* The Rhetorical Works of Cicero.—Lectures.

   (4.) *Greek.* Sophocles, or Euripides.

* The selections of elective studies, in the second term of the third, and of the fourth year, are subject to limitation by the times of recitation.

II. FOR THE DEGREE OF BACHELOR OF ARTS.

FIRST YEAR.

FIRST TERM.

1. *Latin*, or *Greek*, text-books as in the first year of the preceding Course.
2. *French*, or *German*, text-books as in the second year of the preceding Course.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Latin*, or *Greek*, continued.
2. *French*, or *German*, continued.
3. *Mathematics.* Davies's Bourdon's Algebra.

SECOND YEAR.

FIRST TERM.

1. *Latin*, or *Greek*, text-books as in the second year of the preceding Course.
2. *Rhetoric*, text-books as in the third year of the preceding Course.
3. Either of the following elective studies, viz.:
   (1.) *Mathematics.* Plane and Spherical Trigonometry.
   (2.) *Natural Philosophy.*

SECOND TERM.

1. *Latin*, or *Greek*, continued.
2. *Rhetoric*, continued.
3. Either of the following elective studies, viz.:
   (1.) *Natural Philosophy.*
   (2.) *Physiology.* Lectures.

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.* Wayland.
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, French, or German.
   (2.) *Chemistry.* Lectures.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Geology*, and *Political Economy.*

III. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

FIRST YEAR.

FIRST TERM.

1. *Mathematics.* Davies's Legendre's Geometry.
2. *Chemistry.* Lectures.
3. *French*, text-books same as above mentioned.
   or German, text-books same as above mentioned.

SECOND TERM.

1. *Mathematics.* Davies's Bourdon's Algebra.
2. *Physiology.* Lectures.
3. *French*, continued.
   or German, continued.

SECOND YEAR.

FIRST TERM.

1. *Natural Philosophy*, (pursued as in the above Courses.)
2. *Rhetoric*, (pursued as in the above Courses.)
3. One of the following elective studies, viz.:
   (1.) *Mathematics.*
   (2.) *Civil Engineering.*
   (3.) *Practical Chemistry.*

SECOND TERM.

1. *Natural Philosophy*, continued.
2. *Rhetoric*, continued.
3. One of the following elective studies, viz.:
   (1.) *Civil Engineering*, continued.
   (2.) *Practical Chemistry*, continued.
   (3.) *Geology* and *Political Economy.*

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.* Wayland.
2. *History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language.
   (2.) *Civil Engineering*, continued.
   (3.) *Practical Chemistry*, continued.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Civil Engineering*, completed.
   (3.) *Practical Chemistry.*

DEPARTMENTS OF STUDY.

INTELLECTUAL AND MORAL PHILOSOPHY.

The study of Intellectual Philosophy commences with the opening of the collegiate year, on the Monday following the commencement, and continues to the close of the first term. Recitations, accompanied by oral explanations and examinations, are held every day of the week excepting Saturday. An hour and twenty minutes are allotted to each recitation. The text-book in use is Wayland's "Elements of Intellectual Philosophy." Works of reference on the subject are also fully provided for the student in the University Library. Essays on themes previously assigned are required throughout the course.

The study of Moral Philosophy commences with the opening of the second term, and is continued in a similar manner to its close.

A course of Lectures on the Evidences of Revelation, is delivered to the class in Moral Philosophy, commencing with the first Monday of the term, and continuing on the Monday of each week to the close of the year.

NATURAL PHILOSOPHY AND ASTRONOMY.

This course continues through one year, and embraces the Theory of Statics and Dynamics, with its application to Solids and Fluids.

The first term is devoted to Mechanics, Hydrostatics, Pneumatics, and Meteorology. With Mechanics are connected the Elements of Machinery and the Practical application of Mechanism to the Arts.

The second term is devoted to Optics, Acoustics and Astronomy.

Subjects are taught both by Lectures and by the use of Text-Books. In Mechanics, the Elementary Treatise of Professor A. W. Smith is made the basis of instruction, in Astronomy the Work of Professor Norton. The other Branches are mostly taught by Lectures with reference to such Works as will aid the student in securing a thorough knowledge of the subject.

It will be the object of this course to demonstrate the fundamental Laws of the Science, and give such experimental illustrations of them as come within the range of the extensive and well assorted Philosophical Apparatus attached to the department.

CHEMISTRY AND PHYSIOLOGY.

The course of instruction in this department extends through one year. The first term is occupied with Chemistry proper, Heat, Electricity, Galvanism and Magnetism. These sciences are taught exclusively by lecture. A portion of time is spent each day in examination on the lecture of the preceding day; and themes are assigned weekly, requiring of the student, either an elucidation of the more important doctrines included in these sciences, or their application to an explanation of the phenomena of nature, or the processes of art. Besides this elementary course in Chemistry, provision is made for a more advanced class of students, who may desire to pursue the science into its higher principles as well as its more extended details. The students belonging to this class have constant access to the laboratory, where an opportunity is afforded them, not only of witnessing the preparations for the daily lectures, but of conducting under the eye of the Professor, such other processes as may serve to make them further acquainted with the laws of chemical re-action. The works of Kane and Graham are used by these classes as books of reference.

The second Term is occupied with animal and vegetable Physiology, including the classifications of Plants and Animals, as well as the description of their structures and functions. In that part of the course relating to the Anatomy and Physiology of man, particular reference

is had to the laws of health and regimen. As during the preceding term, daily examinations are had in connection with the lectures, and also weekly exercises in themes. Provision is also made throughout this term for a more advanced class of students, who may desire to pursue the science by the aid of the knife and the microscope. There is also delivered during this term a course of lectures on Geology. These lectures are accompanied by cabinet and field illustrations.

RHETORIC AND ENGLISH LITERATURE.

The instruction in this department extends through one year. It is given partly by lectures and partly by text-books. A thorough acquaintance with the ordinary rules and principles of English Grammar is required of the student entering upon this course. He will be subjected to a rigid examination in these principles, when he presents himself for admission to College. In this examination the "Analysis of the English Language," by Professor S. S. Greene, is the text-book preferred.

The subjects embraced in this course of study during the first term are, the formation and combination of sentences, the nature and use of Figurative Language, the qualities of Style and the Composition of Essays. Regular Exercises in Composition and Declamation are required of all the students who attend this course. The text-book used during the first term is Campbell's Philosophy of Rhetoric.

The studies of the second term are Logic, and the higher branches of Rhetoric and Criticism. The text-books used are Whately's Logic and Whately's Rhetoric. The study of English Literature is pursued during the whole year. The text-book used is Spalding's History of English Literature.

HISTORY AND POLITICAL ECONOMY.

The course in History commences with the fall of the Roman Empire, and embraces a general survey of the organization of European Society, and its progress in Mediæval and Modern times. It is designed to illustrate the origin and growth of Modern civilization in the principal nations of Europe; the origin and the leading features of the English Constitution and the extension of the English race; the Colonial and Revolutionary history of the United States, together with the theory of the American Government, the history of its formation and the outlines of its successive administrations. A considerable portion of the instruction is given by lectures. In addition to these, the following works are at present in use, either as text-books or books of reference: Guizot's History of Civilization, Hallam's Constitutional History of England, Weber's Outlines of Universal History, Bayard and Story on the Constitution of the United States.

The course in Political Economy is associated as closely as possible with the course in History. It is designed to explain the nature of national wealth, and the laws which regulate its production and distribution, and the prosperity of nations, with illustrations from the history of the legislative enactments and economical arrangements which have prevailed in different ages and different countries: in all which, reference will be constantly made to the industrial progress and interests of our own people.

LATIN LANGUAGE AND LITERATURE.

The course of instruction in this department extends through two years and a half. In the first year there are sometimes six, and never less than five, exercises a week.

The course is not restricted to particular authors, but may be varied in different years.

Throughout each year, the students present, on alternate weeks, exercises in Latin Composition, and English exercises, consisting either of translations from the Latin, or of Essays on subjects connected with their Latin reading. These exercises are examined and corrected, and then returned with explanatory remarks to the class.

The Latin Grammar used is Andrews and Stoddard's. Zumpt's is recommended as a work for reference. Other books recommended, are Riddle and Arnold's English-Latin Lexicon, Smith's Dictionary of Antiquities, (the 2d edition, English, is the best) and Becker's Gallus.

The objects aimed at in the instruction are chiefly these: to enable the student, by thorough grammatical and exegetical study to read and write Latin with facility, and to pursue by himself, with pleasure and profit, the reading of such Latin books as may be recommended by the instructor; to cultivate, by a habit of faithful translation, his power of expression in his own language; and, by connecting the reading of classic Roman authors with continuous historical and literary illustration, to make the study of Latin an important means of increasing his knowledge and his mental culture.

MODERN LANGUAGES.

The course in each language is intended to be critical, grounding the student thoroughly in grammatical principles, and accustoming him to the same rigorous analysis which is applied to the Latin and Greek, while at the same time he is prepared for writing and speaking by the constant use of oral and written exercises. Lectures are given on the works which are read, and on the history of both the French and the German Language and Literature.

MATHEMATICS AND CIVIL ENGINEERING.

The course of Mathematics extends through two years and a half, and embraces the following subjects, viz.:

1. Plane and Solid Geometry.
2. Algebra.
3. Trigonometry, Plane and Spherical.
4. Analytical Geometry.
5. Differential and Integral Calculus.

The object of the Mathematical course is twofold:

First, As a part of general education, to exercise the student in the process of exact reasoning, and thus secure to the mind a thorough logical discipline; and

Secondly, As a part of special education, to prepare him for original mathematical investigations, and for the varied applications of mathematical and mechanical science to practical purposes.

The studies in this department will generally be prosecuted in connection with text-books. In addition, however, to the recitations and the discussions connected with them, lectures will occasionally be given upon the history and applications of the science. It will be the constant aim of the instructor to awaken in the pupil a generous love of science, and incite him to vigorous and persevering efforts in the pursuit of it; and by frequent reviews, by the daily analysis of demonstrations, and the solution of problems original and selected, to aid him, as far as possible, in securing, not only an accurate and full knowledge of every subject of inquiry, but also a ready and skilful use of that knowledge.

It is proper to remark that any person who intends entering upon the foregoing mathematical course, should bring with him to the Uni-

versity, a thorough knowledge of Arithmetic and of the elements of Algebra, including the first four chapters of Davies's Bourdon, or what is equivalent. This will hereafter be indispensable, as the class will commence Algebra at the *fifth chapter*, at the beginning of the second Term.

The full course of Civil Engineering occupies a year and a half. It embraces the following studies and exercises:

Descriptive Geometry—Shades and Shadows—Linear Perspective—Theoretical and practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-work, and the measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction in all its branches, and to the nature and preparation of the materials used.

Drawing.—Geometrical and Perspective—Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying with compass, Theodolite, &c.; Leveling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz.:—Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections; which make up the course of Mathematics taught in the University.

Without this amount of preparation, persons may be admitted to any portion of the abovementioned course which they are able to pursue to advantage.

GREEK LANGUAGE AND LITERATURE.

The course of instruction in this department extends through two years and a half; during the first year there are always five and sometimes six exercises a week.

The course of reading may be varied from year to year. Lectures in the proper connection will be given on the History and Antiquities of the Ancient Greeks, and on the various departments of their Literature.

The Greek Grammar used is that of Kühner, the Lexicon that of Liddell and Scott. Smith's Dictionary of Antiquities, Smith's Biographical Dictionary, Eschenburg's Manual of Classical Literature, and Becker's Charicles, are recommended as works of reference.

CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of Chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes, and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week, excepting Saturday, from 9 A. M. until 5 P. M. On Saturday, during the forenoon only.

All the apparatus required will be furnished the student and charged in his account, and the charge cancelled for that which is returned in good condition.

Charge for chemicals, Alcohol, Gas, and all other materials required, use of apparatus, fuel, and other current expenses, per term, - - - - - - - -	$55,00
Fee for instruction, - - - - - - -	30,00
Total, - - - - - - -	$85,00

A reasonable deduction is made in the case of those students who devote only a portion of their time to this department.

The above charge for Chemicals, materials, &c., is intended merely to cover the average cost. If the cost falls below the charge specified, the deduction will be made accordingly.

LIBRARIES.

The University Library is in Manning Hall, and contains at present twenty-eight thousand volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of students and gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M. till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise together six thousand volumes, accessible to all the students of the University.

PREMIUMS.

The sum of four hundred and twenty dollars is annually offered in premiums to undergraduates who have attained to distinguished excellence in the various departments of study.

The University Premiums are derived from a legacy of the late Hon. Nicholas Brown. The statutes by which the award of them is governed, are the following:

1. The competition for the University premiums is open only to those students who are candidates for some one of the degrees conferred by the University.

2. No student shall be admitted as a candidate for a premium, who does not sustain an irreproachable moral character, and who is not punctual in his attendance upon all collegiate exercises.

3. No student shall be a competitor for a premium whose average standing for the year is below fifteen, the maximum of standing being twenty.

4. No student shall be a competitor for more than one premium, whose average standing for the year is below eighteen.

5. The following premiums are offered.

A first premium of fifteen dollars, and a second premium of ten dollars, to the first and to the second class in Greek, to the first and to the second class in Latin, to the first and to the second class in Mathematics, and to the first class in French.

A first premium of seventeen dollars, and a second premium of fifteen dollars, to the class in English Literature, to the class in Natural Philosophy, and to the class in Physical Science.

A premium of seventeen dollars to the third class in Greek, to the third class in Latin, and to the third class in Mathematics.

A first premium of twenty dollars, and a second of seventeen dollars, to the class in History, and to the class in Intellectual and Moral Philosophy.

All papers for premiums for the present collegiate year, must be presented to the President on or before the *fifth day* of June.

The problems in Natural Philosophy and Mathematics are presented to competitors at the examination for premiums in those departments.

The themes for UNIVERSITY PREMIUMS for the present year are the following:

I. GREEK DEPARTMENT.

For the First Class;

A Greek Dissertation on "The Battle of Salamis."

For the Second Class:

A Greek Dissertation on "The character of Demosthenes as a Statesman."

For the Third Class:

A Greek Dissertation on "The Significance of the Chorus in the Greek Tragedy."

II. LATIN DEPARTMENT.

For the First Class:

De moribus Catilinæ, quales a Cicerone in oratione in eum prima exhibentur.

For the Second Class:

Belli Punici secundi quae causae fuerint, qui eventus.

For the Third Class:

Orationes Tacito auctore ante proelium ad montem Grampium habitæ inter se comparentur.

III. DEPARTMENT OF MODERN LANGUAGES.

For the First Class in French:

"The Death of Molière."

IV. DEPARTMENT OF RHETORIC AND ENGLISH LITERATURE.

"The Saxon Conquest and the Norman contrasted in respect of their influence upon the Language and the Literature of the Conquered Race."

The PRESIDENT'S PREMIUMS are awarded to those students entering as candidates for the degree of A. B. or of A. M., who have attained the highest excellence in the studies preparatory for admission to the University.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Greek Language.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Latin Language.

The examination of the President's Premiums is held on the first Monday of the first Collegiate term. The competitors will be examined in Latin and Greek Grammar, in writing Latin and Greek, and in the first six books of the Æneid of Virgil, and the first three books of Xenophon's Anabasis. The examiners are the Professor of Latin, the Professor of Greek, and Mr. James Tillinghast.

The premiums for the academical year 1854–5, were awarded as follows:

1. Intellectual and Moral Philosophy.
   The First Premium to William S. Batt.

2. History and Political Economy.
   The Second Premium to Joseph W. Congdon.

3. Natural Philosophy.
   The Second Premium to Franklin Burge.

4. Rhetoric.
   The First Premium to J. Frank Bailey.
   The Second Premium to E. H. Heywood.

5. Modern Languages.
   The First Premium to Joseph W. Congdon.
   The Second Premium to W. A. Rogers.

6. Mathematics.
   First Year.—The Second Premium to W. A. Mowry.
   Second Year.—The First Premium to E. H. Cutler.
   The Second Premium to George Tanner.

7. Latin.
   Second Year.—The First Premium to George Tanner.
   The Second Premium to E. H. Cutler.

8. Greek.
   First Year.—The First Premium to Charles M. Smith.
   Second Year.—The First Premium to George Tanner.
   The Second Premium to E. H. Cutler.

9. Physical Science.

The First Premium to Nathaniel G. Bonney.

The Second Premium to Uriah W. Lawton.

The President's Premiums for excellence in the studies preparatory to admission, were awarded as follows:

The First Premium in Latin, to Walter M. Potter, instructed by Mr. A. F. Buck, in the Latin School, Roxbury, Mass.

The Second Premium in Latin to Edward L. Barker, instructed by Mr. C. C. Burnett, in the Peirce Academy, Middleboro', Mass.

The First Premium in Greek to Thomas F. Tobey, instructed by Mr. Merrick Lyon, in the University Grammar School.

The Second Premium in Greek to Walter M. Potter.

Also, a Second Premium to William E. Bowen, instructed by Mr. E. H. Magill, in the Providence High School.

TERM EXAMINATIONS.

EXAMINATIONS of all the classes are held at the close of each term. These examinations are both oral and in writing. When in writing, the questions are prepared by the committees of examination, and presented to each student, at the time of the examination, and he is required to return his answers within a specified time. From the aggregate value of these answers, his standing by examination is determined.

The following committees of examination in the several departments, have been appointed by the Executive Board:

1. GREEK LANGUAGE.

Professor Harkness,	Rev. Thatcher Thayer,
Rev. Silas A. Crane,	Merrick Lyon, Esq.,
Rev. Samuel H. Wolcott,	James Tillinghast, Esq.

2. LATIN LANGUAGE.

Professor Lincoln,	Francis Wayland, Jr., Esq.,
Hon. Charles Thurber,	E. H. Magill, Esq.

3. MODERN LANGUAGES.

Professor Angell,	Percival W. Bartlett, Esq.,
Rev. F. H. Hedge, D. D.,	William Goddard, Esq.,

William Binney, Esq.

4. RHETORIC AND ENGLISH LITERATURE.

Professor Dunn,	Wingate Hayes, Esq.,
Rev. Leonard Swain,	F. J. Dickman, Esq.,

Benjamin F. Thurston, Esq.

5. Physical Science.

Professor Chace, C. W. Parsons, M. D.,
Owen Mason, Esq., J. W. C. Ely, M. D.,
G. L. Collins, M. D.

6. History and Political Economy.

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1. The terms of the University always commence on Friday. This and the following days are occupied in making the necessary preliminary arrangements. Every student is expected, within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he intends to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to make choice of his studies immediately upon the commencement of the term, and to present himself at the first exercise; any failure to do so, will be reported with demerits.

4. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

5. In case of absence, the student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

6. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

7. At 12 o'clock, M., of every day, all absences which have occurred during the previous twenty-four hours, are reported to the Register.

8. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency without excuse, in any literary exercise.

9. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student of the fact; and when his demerits amount to 100, to dismiss him from the University.

10. After reports are entered on the books of the Register, no alteration can be made on account of neglect to present an excuse on the part of the student.

11. Candidates for admission are required to present to the President adequate certificates of unquestionable moral character.

EXPENSES.

Term bills must be paid at the commencement of each term.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5,00.

The fee for each course, exclusive of the special courses, is per term $6,00.

The special courses are the class in Analytical Chemistry and in Chemistry applied to the Arts; and the class in Civil Engineering.

For the full course in these classes, the fee is $30,00 per term, but students may attend either of these classes in connection with those of the other departments, in which case they pay a fee in proportion to the time they occupy.

Rooms are furnished in the college buildings, if two students occupy the same room, at $4,50 per term, or $9,00 per year.

If a student occupy a room alone, his rent and servants' hire are doubled.

Board is not furnished in college. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:

Board at from $2,25 to $3,00 per week. Board and Lodging, with furnished rooms, in some cases washing or fuel included, from $3,50 to $4,50 per week. The other expenses are, per term:—Use of Library, $1,50: Register's salary, $2,00: Servants' hire for those rooming in College, $3,50: for those who room in town, $1,50; Repairs and Public Fuel, from $1,60 to $1,90 each.

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1855.

First Term begins Friday, - - - - September 7.

First Exhibition, Saturday preceding Thanksgiving.

First Recess, the week of the annual Thanksgiving.

1856.

First Term ends Thursday, - - - - January 24.

WINTER VACATION, THREE WEEKS.

Second Term begins Friday, - - - - February 15.

Second Exhibition, Saturday, - - - May 3.

Second Recess, the week succeeding Exhibition.

Second Term ends Thursday, - - - - July 10.

SUMMER VACATION, EIGHT WEEKS.

Commencement, Wednesday, - - - - September 3.

First Term begins Friday, - - - - September 5.

A

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OF THE

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OF

BROWN UNIVERSITY,

1856-57.

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ABBREVIATIONS.

U. H. ..... University Hall.
H. C. ..... Hope College.
A. M. ..... Master of Arts.
A. B. ..... Bachelor of Arts.
B. P. ..... Bachelor of Philosophy.
S. C. ..... Select Course.

SUMMARY.

Resident Graduate,	1
Seniors,	27
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TIME AND CONDITIONS OF ADMISSION.

Students of the University may be either candidates or not candidates for a degree. All, however, shall be subject to the same laws, equally entitled to any certificate of standing which they may have deserved, and liable to the same punishments for transgression of the laws.

Students duly qualified shall be allowed to pursue their studies for a longer or shorter time, as their age, ability, or pecuniary circumstances may render convenient to themselves; the Faculty, however, having the right to direct the studies of each in such manner as to prevent idleness on the one hand, or superficial haste on the other.

Opportunity shall also be offered to any other person of good character, who may wish it, to enjoy all the advantages of any single study or separate course, under such regulations as the Executive Board may prescribe.

The regular examination for admission to the Freshman class is held on Thursday and Friday of Commencement week, (September 3d and 4th, 1857) beginning at 9 o'clock, A. M., on Thursday. All candidates must present themselves on Thursday, at 9 o'clock in No. 12 University Hall, and must be in attendance during that day and on Friday.

The regular examination for admission to the other classes of the University is held on Saturday of Commencement week, (September 5th, 1857.)

There will be an examination for admission to advanced standing in the several classes at the beginning of the second term, commencing on Saturday, at 9 o'clock, (February 14th, 1857.)

Candidates for admission to the course prescribed for the Master of Arts, are examined in

Arithmetic, and Algebra as far as Quadratic Equations,

Ancient and Modern Geography,

English Grammar, and the use of the English language,

Greek Grammar, the Greek Reader, or an equivalent portion of some classical Greek Author, and in writing Greek,

Latin Grammar, Cæsar's Commentaries, the Æneid of Virgil, Six Orations of Cicero, Latin Prosody, and in writing Latin.

For admission to the course for the degree of Bachelor of Arts, students are examined in the studies above mentioned, except that the candidate need be examined only in the preparatory studies of that ancient language which he intends to pursue, if he elect to pursue only one.

To be admitted to the course for the degree of Bachelor of Philosophy, students are examined in all the above studies, with the exception of the Ancient Languages and Ancient Geography.

Students, who wish to pursue a select course, without entering as candidates for a degree, must be examined in the several branches of a good English education.

No student shall be admitted as a candidate for matriculation, unless he bring suitable testimonials of good moral character; and if he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in, the institution which he has left.

The earliest age, at which, in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

The form of matriculation is as follows: A student who wishes to become a member of the University, must first present his testimonials to the President, who, if satisfied with his evidences of good character, will admit him as a candidate to be examined for admission. If his examination be satisfactory, the student shall procure and read a copy of the Laws of the University, after which he shall call again upon the

President and sign a declaration of his deliberate intention to obey all the laws of the University, so long as he shall remain a member of it. The President shall then give him a certificate of matriculation, which shall entitle him to make the customary arrangements with the Register, and proceed with the studies of his class.

As soon as the student is matriculated, (if he be a minor,) the President shall send by mail to his parent or guardian, a copy of the laws of the University.

DEGREES, AND THE COURSES OF INSTRUCTION.

The regular Degrees conferred in this University are the Degrees of Master of Arts, Bachelor of Arts, and Bachelor of Philosophy.

The Degree of Master of Arts is intended for those students who desire to pursue a full course of liberal education, In order to obtain this degree, the student must have certificates of proficiency in the following courses of instruction:—

Each of the Ancient Languages for one year and a half,
Mathematics for one year and a half,
One Modern Language for one year,
Natural Philosophy for one year,
Rhetoric and English Literature for one year,
Chemistry and Physiology for one year,
History for one year,
Intellectual and Moral Philosophy for one year,

And three others of one term each, which must be selected from the courses in Political Economy, Geology, a second Modern Language, advanced Latin, advanced Greek, or from advanced courses in any of the other departments.

The Degree of Bachelor of Arts is designed especially for those who desire to prepare themselves for the different professions, and yet, from unavoidable circumstances, are unable to pursue a complete course of liberal education. In order to render it accessible to such students, the number of studies is limited, and some liberty of choice is granted, that they may be enabled to select such studies as will the better enable them to prepare themselves for a particular profession.

In order to obtain the degree of Bachelor of Arts, the student having been regularly examined for entrance, must be proficient in nine courses of one year each. These must be two courses in an Ancient Language, one in a Modern Language, one in Mathematics, one in Rhetoric, one in History, and one in Intellectual and Moral Philosophy. The two remaining courses must be selected from the courses in Natural Philosophy, Chemistry and Physiology, Political Economy and Geology, or from advanced courses in any of the other departments.

The Degree of Bachelor of Philosophy is designed for those students who are intended for the pursuits of active life. It is the wish of the Corporation to make the requirements for obtaining it such as will confer a high degree of intellectual culture, without the necessity of studying the Ancient Languages.

For the Degree of Bachelor of Philosophy, the candidate having entered by regular examinations, must be proficient in nine courses of one year each. These must be one in Mathematics, one in a Modern Language, one in Rhetoric, one in Chemistry and Physiology, one in Natural Philosophy, one in History, and one in Intellectual and Moral Philosophy. The two remaining courses must be selected from Political Economy, Geology, a second Modern Language, or from advanced courses in any of the other departments.

A student who attends for two years the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

The degree of Bachelor of Arts or that of Bachelor of Philosophy, does not entitle the graduate to the degree of Master of Arts in

course. The latter degree is conferred on those only who have pursued the full course of instruction prescribed by the statutes of the University.

THE Courses of instruction for the several degrees are pursued as follows:

I. FOR THE DEGREE OF MASTER OF ARTS.

FIRST YEAR.

FIRST TERM.

1. *Greek.* Felton's Greek Historians.—Arnold's Greek Prose Composition.—Smith's History of Greece.
2. *Latin.* Cicero de Senectute and De Amicitia.—Livy (Lincoln's Selections) commenced.—Arnold's Latin Prose Composition.—Schmitz's History of Rome.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Greek.* Homer's Iliad.—Arnold's Greek Prose Composition completed.
2. *Latin.* Livy completed.—Arnold's Latin Prose Composition completed.
3. *Mathematics.* Davies's Bourdon's Algebra, beginning at Chapter 5th.

SECOND YEAR.

FIRST TERM.

1. *Greek, and Latin.* Demosthenes.—Exercises in Greek Composition.—Lectures. Horace (Lincoln's edition).—Exercises in Latin Composition.—Lectures.
2. *Mathematics.* Plane and Spherical Trigonometry, Loomis, or Davies's Legendre.
3. *French, or German.* Fasquelle's French Course.—Oral and Written Exercises.—Voltaire's Siècle de Louis XIV. Woodbury, with oral and written exercises. Roelker's German Reader.

SECOND TERM.

1. *Greek and Latin.* Demosthenes.—Exercises in Greek Composition.—Lectures. Horace.—Exercises in Latin Composition.—Lectures.
2. *French, or German.* Fasquelle continued, with Exercises.—Collot's Dramatic Reader. Woodbury continued, with exercises.—Schiller's Jungfrau von Orleans.—Goethe's Iphigenia.
3. *Mathematics, or Physiology.** Analytical Geometry. Lectures.

THIRD YEAR.

FIRST TERM.

Natural Philosophy. Smith's Mechanics, and Lectures.
2. *Rhetoric.* Campbell, and Lectures.—Spalding's History of English Literature, and Lectures.—Essays and Declamations.
3. *Chemistry.* Lectures.

*Physiology is a study required for this degree, but it may be pursued either this term, or the second term of the third year, at the option of the student, in the manner designated in the course.

SECOND TERM.

1. *Natural Philosophy.* Norton's Astronomy, and Lectures.
2. *Rhetoric.* Whately's Logic, and Lectures.—Whately's Rhetoric. Spalding's History of English Literature, and Lectures.—Essays and Declamations.
3. *Physiology.* Lectures,

Or any two of the following elective* studies, viz.:

(1.) *Geology.* Lectures.
(2.) *Political Economy.* Wayland and Lectures.
(3.) *Latin.* The Rhetorical Works of Cicero.—Latin compositions.—Lectures.
(4.) *Greek.* Sophocles or Euripides.—Greek Compositions.—Lectures.

FOURTH YEAR.

FIRST TERM.

1. *Intellectual Philosophy.* Wayland.
2. *Modern History.* Guizot, Hallam, and Lectures.
3. Either of the following elective studies, viz.:

(1.) *Latin,* Tacitus.—Lectures.
and Greek. Plato.—Lectures.
(2.) A Modern Language.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *English and American History and Constitutional Law.*—Hallam, Bayard, and Lectures.
3. A Modern Language, continued,

Or any two of the following elective* studies, viz.:

(1.) *Geology.*
(2.) *Political Economy.*
(3.) *Latin.* The Rhetorical Works of Cicero.—Lectures.
(4.) *Greek.* Sophocles, or Euripides.—Lectures.

*The selections of elective studies, in the second term of the third, and of the fourth year, are subject to limitation by the times of recitation.

II. FOR THE DEGREE OF BACHELOR OF ARTS.

FIRST YEAR.

FIRST TERM.

1. *Latin* or *Greek*, text-books as in the first year of the preceding Course.
2. *French*, or *German*, text-books as in the second year of the preceding Course.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Latin*, or *Greek*, continued.
2. *French*, or *German*, continued.
3. *Mathematics.* Davies's Bourdon's Algebra.

SECOND YEAR.

FIRST TERM.

1. *Latin*, or *Greek*, text-books as in the second year of the preceding Course.
2. *Rhetoric*, text-books as in the third year of the preceding Course.
3. Either of the following elective studies, viz.:
   (1.) *Mathematics.* Plane and Spherical Trigonometry.
   (2.) *Natural Philosophy.*

SECOND TERM.

1. *Latin*, or *Greek*, continued.
2. *Rhetoric*, continued.
3. Either of the following elective studies, viz.:
   (1.) *Natural Philosophy.*
   (2.) *Physiology.* Lectures.

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.* Wayland.
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, French, or German.
   (2.) *Chemistry.* Lectures.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Geology*, and *Political Economy.*

III. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

FIRST YEAR.

FIRST TERM.

1. *Mathematics.* Davies's Legendre's Geometry.
2. *Chemistry.* Lectures.
3. *French*, text-books same as above mentioned.
   or German, text-books same as above mentioned.

SECOND TERM.

1. *Mathematics.* Davies's Bourdon's Algebra.
2. *Physiology.* Lectures.
3. *French*, continued.
   or German, continued.

SECOND YEAR.

FIRST TERM.

1. *Natural Philosophy*, (pursued as in the above Courses.)
2. *Rhetoric*, (pursued as in the above Courses.)
3. One of the following elective studies, viz.:
   (1.) *Mathematics.*
   (2.) *Civil Engineering.*
   (3.) *Practical Chemistry.*

SECOND TERM.

1. *Natural Philosophy.*, continued.
2. *Rhetoric*, continued.
3. One of the following elective studies, viz.:
   (1.) *Civil Engineering*, continued.
   (2.) *Practical Chemistry*, continued.
   (3.) *Geology* and *Political Economy.*

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.* Wayland.
2. *History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language.
   (2.) *Civil Engineering*, continued.
   (3.) *Practical Chemistry*, continued.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Civil Engineering*, completed.
   (3.) *Practical Chemistry.*

DEPARTMENTS OF PRACTICAL SCIENCE.

Departments of Practical Science have been established in the University, designed for the benefit of those who do not intend to enter the learned professions, but wish to prepare themselves for the pursuits of active life, and especially for those practical arts, in which success depends essentially on an acquaintance with chemistry or with mathematics. By the statutes of the University, the studies of these departments may be pursued as elective studies by all candidates for the degree of Bachelor of Philosophy; and also, in special cases, on permission being granted by the Faculty, by candidates for the other degrees. These departments are the following:

I. CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of Chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes, and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week excepting Saturday, from 9 A. M. until 5 P. M. On Saturday, during the forenoon only.

II. CIVIL ENGINEERING.

The full course of Civil Engineering occupies a year and a half. It embraces the following studies and exercises:

Descriptive Geometry—Shades and Shadows—Linear Perspective—Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-work, and the measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction in all its branches, and to the nature and preparation of the materials used.

Drawing.—Geometrical and Perspective—Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying with compass, Theodolite, &c.; Leveling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz.:—Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections; which make up the course of Mathematics taught in the University.

Without this amount of preparation, persons may be admitted to any portion of the abovementioned course which they are able to pursue to advantage.

The terms of instruction in these Departments of Practical Science are given in a paragraph below, under the head of Expenses.

LIBRARIES.

The University Library is in Manning Hall, and contains at present twenty-eight thousand volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of students and gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M. till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise together six thousand volumes, accessible to all the students of the University.

PREMIUMS.

The sum of four hundred and twenty dollars is annually offered in premiums to undergraduates who have attained to distinguished excellence in the various departments of study.

The University Premiums are derived from a legacy of the late Hon. Nicholas Brown. The statutes by which the award of them is governed, are the following:

1. The competition for the University premiums is open only to those students who are candidates for some one of the degrees conferred by the University.

2. No student shall be admitted as a candidate for a premium, who does not sustain an irreproachable moral character, and who is not punctual in his attendance upon all collegiate exercises.

3. No student shall be a competitor for a premium whose average standing for the year is below fifteen, the maximum of standing being twenty.

4. No student shall be a competitor for more than one premium, whose average standing for the year is below eighteen.

5. The following premiums are offered.

A first premium of fifteen dollars, and a second premium of ten dollars, to the first and to the second class in Greek, to the first and to the second class in Latin, to the first and to the second class in Mathematics, and to the first class in French.

A first premium of seventeen dollars, and a second premium of fifteen dollars, to the class in English Literature, to the class in Natural Philosophy, and to the class in Physical Science.

A premium of seventeen dollars to the third class in Greek, to the third class in Latin, and to the third class in Mathematics.

A first premium of twenty dollars, and a second of seventeen dollars, to the class in History, and to the class in Intellectual and Moral Philosophy.

All papers for premiums for the present collegiate year, must be presented to the President on or before the *sixth day* of June.

The problems in Natural Philosophy and Mathematics are presented to competitors at the examination for premiums in those departments.

The themes for UNIVERSITY PREMIUMS for the present year are the following:

I. GREEK DEPARTMENT.

For the First Class:

"The Battle of Marathon."

For the Second Class:

"The History of Olynthus."

For the Third Class:

"The Character of Plato as a Philosopher."

II. LATIN DEPARTMENT.

For the First Class:

De Secessionibus plebis Romanae.

For the Second Class:

De vita M. Furii Camilli, meritisque in patriam.

For the Third Class:

De Juliani vita ac moribus.

III. DEPARTMENT OF MODERN LANGUAGES.

For the First Class in French;

"Racine at Port-Royal des Champs."

IV. DEPARTMENT OF RHETORIC AND ENGLISH LITERATURE.

"Dryden's Relation to English Poetry."

V. DEPARTMENT OF INTELLECTUAL AND MORAL PHILOSOPHY.

"Plato's Theory of Ideas."

VI. DEPARTMENT OF PHYSICAL SCIENCE.

"The Economy of Nature in the Management of Heat."

VII. DEPARTMENT OF HISTORY.

"St. Francis of Assisi."

THE PRESIDENT'S PREMIUMS are awarded to those students entering as candidates for the degree of A. B. or of A. M., who have attained the highest excellence in the studies preparatory for admission to the University.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Greek Language.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Latin Language.

The examination of the President's Premiums is held on the first Monday of the first Collegiate term. The competitors will be examined in Latin and Greek Grammar, in writing Latin and Greek, and in the first six books of the Æneid of Virgil, and the first three books of Xenophon's Anabasis. The examiners are the Professor of Latin, the Professor ot Greek, and Mr. James Tillinghast.

The premiums for the academical year 1855–6, were awarded as follows:

1. History and Political Economy.
   The First Premium to E. H. Heywood,
   The Second Premium to B. Lincoln Ray.
   Also, a Second Premium to J. Frank Bailey.

2. Natural Philosophy.
The Second Premium to George Tanner.

3. Rhetoric.
The First Premium to J. M. Hay.
The Second Premium to Daniel Goodwin.

4. Mathematics.
First Year.—The First Premium to William W. Keen, Jr.
The Second Premium to Walter M. Potter.

Second Year.—The First Premium to D. A. Ballou.
Also, a First Premium to D. S. Stone.

Third Year.—The Premium to E. H. Cutler.

5. Latin.
First Year.—The First Premium to T. F. Tobey.
The Second Premium to Walter M. Potter.

6. Greek.
First Year.—The First Premium to Walter M. Potter.
The Second Premium to T. F. Tobey.

Third Year.—The Premium to George Tanner.

7. Physical Science.
The First Premium to George Tanner.

The President's Premiums for excellence in the studies preparatory to admission, were awarded as follows:

The Second Premium in Latin to James A. Williamson, instructed by his father, Rev. Mr. Williamson, Wilkinsonville, Mass.

The Second Premium in Greek to David V. Gerald, instructed by Mr. Merrick Lyon, in the University Grammar School.

Also, a Second Premium to Howard M. Rice, instructed in the University Grammar School.

TERM EXAMINATIONS.

EXAMINATIONS of all the classes are held at the close of each term. These examinations are both oral and in writing. When in writing, the questions are prepared by the committees of examination, and presented to each student, at the time of the examination, and he is required to return his answers within a specified time. From the aggregate value of these answers, his standing by examination is determined.

The following committees of examination in the several departments, have been appointed by the Executive Board:

1. GREEK LANGUAGE.

Professor Harkness,
Rev. Silas A. Crane, D. D.
Rev. Thatcher Thayer,
Merrick Lyon, Esq.,
James Tillinghast, Esq.,
Rev. R. F. Buell.

2. LATIN LANGUAGE.

Professor Lincoln,
Hon. Charles Thurber,
Francis Wayland, Jr., Esq.,
E. H. Magill, Esq.

3. MODERN LANGUAGES.

Professor Angell,
Rev. F. H. Hedge, D. D.,
William Goddard, Esq.,
William Binney, Esq.,
Rev. J. Lewis Diman.

4. RHETORIC AND ENGLISH LITERATURE.

Professor Dunn,
Rev. Leonard Swain,
Wingate Hayes, Esq.,
F. J. Dickman, Esq.,,
Benjamin F. Thurston, Esq.

5. Physical Science.

Professor Chase, C. W. Parsons, M. D.,
Owen Mason, Esq., J. W. C. Ely, M. D.,
G. L. Collins, M. D.

6. History and Political Economy.

Professor Gammell, Abraham Payne, Esq.,
Hon. C. S. Bradley, Hon. S. G. Arnold,
Rev. Thomas M. Clark, D. D.

7. Intellectual and Moral Philosophy.

President Sears, Rev. J. Leavitt, D. D.,
Rev. N. B. Crocker, D. D., Rev. James N. Granger, D. D.,
Nathan Bishop, LL. D.

8. Natural Philosophy and Astronomy.

Professor Caswell, Caleb Farnum, Esq.,
Moses B. Lockwood, Esq., Rev. Frederic Denison,
Rowland Hazard, Esq.

9. Mathematics and Civil Engineering.

Professor Greene, S. B. Cushing, Esq.,
Zachariah Allen, LL. D., Daniel Leach, Esq.

10. Chemistry Applied to the Arts.

Professor Chace, E. M. Snow, M. D.,
T. P. Shepard, M. D., Nathaniel P. Hill,
Thomas P. Ives.

EXERCISES IN ELOCUTION AND COMPOSITION.

The Senior and Junior Classes have regular exercises in Declamation. Each member of these classes is required to deliver an original speech once a month. Members of the Junior and Sophomore Classes pursuing the study of Rhetoric, are required to present Essays once a fortnight. The Sophomore and Freshman Classes have a weekly exercise in Elocution. The text book used in this course is Russell and Murdoch's Vocal Culture.

DIRECTIONS FOR STUDENTS.

1. The terms of the University always commence on Friday. This and the following days are occupied in making the necessary preliminary arrangements. Every student is expected, within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he is to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to enter his name for his studies immediately upon the commencement of the term, and to present himself at the first exercise; any failure to do so, will be reported with demerits.

4. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

5. In case of absence, the student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

6. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

7. Once every day, all absences which have occurred during the previous twenty-four hours, are reported to the Register.

8. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency without excuse, in any literary exercise.

9. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student of the fact; and when his demerits amount to 100, to dismiss him from the University.

10. After reports are entered on the books of the Register, no alteration can be made on account of negligence in presenting an excuse on the part of the student.

11. The rooms in College for the use of students are assigned by the President; and only those persons are allowed to occupy them, whose deportment is in all respects quiet and orderly.

EXPENSES.

TERM bills must be paid at the commencement of each term.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5,00.

The College expenses for a year are as follows:

Tuition, $18,00 per term,	$36,00
Room-rent, $4,50 per term,	9,00
Servants' hire, $3,50 per term,	7,00
Use of Library, $1,50 per term,	3,00
Register's salary, $2,00 per term,	4,00
Repairs and public fuel, from $1,60 to $1,90 per term,	3,80
	$62,80

If a student occupy a room alone, his rent and servants' hire are doubled.

Board is not furnished in College. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:

Board at from $2,25 to $3,00 per week. Board and Lodging, with furnished rooms, in some cases washing or fuel included, from $3,50 to $4,50 per week.

The above estimate for tuition does not include the fees for instruction in Practical Chemistry and in Civil Engineering. For the full course in each of these departments the fee is $30,00 per term. But students who pursue the studies of either of these departments in connection with those of the other departments of the College, or persons, not pursuing other studies in College, who devote only a portion of their time to either of these departments, pay a fee in proportion to the time occupied.

All the apparatus, required in the Chemical Laboratory, will be furnished the student and charged in his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alcohol, Gas, and all other materials required, use of apparatus, fuel, and other current expenses, per term, - - - - - - - $55,00

This charge is intended merely to cover the average cost. If the cost falls below the charge specified, the deduction will be made accordingly.

CALENDAR FOR 1856–57.

1856.

First Term begins Friday, - - - - September 5.

First Exhibition, Saturday preceding Thanksgiving.

First Recess, the week of the annual Thanksgiving.

1857.

First Term ends Thursday, - - - - January 22.

WINTER VACATION, THREE WEEKS.

Second Term begins Friday, - - - - February 13.

Second Exhibition, Saturday, - - - - - May 2.

Second Recess, the week succeeding Exhibition.

Second Term ends Thursday, - - - - - July 9.

SUMMER VACATION, EIGHT WEEKS.

Commencement, Wednesday, - - - - September 2.

First Term begins Friday, - - - - September 4.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1857-58.

A

CATALOGUE

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1857-58.

PROVIDENCE:
KNOWLES, ANTHONY & CO., PRINTERS.
1857.

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Charles B. Goff, A. M.,	Fall River, Mass.,	46 Dorrance St.
Daniel Goodwin, A. M.,	Providence,	2 Fletcher Avenue.
Ezra H. Heywood, A. M.,	Hubbardston, Mass.,	43 H. C.

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NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
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Roland F. Alger,	W. Bridgwater, Mass.,	B. P.,	28 H. C.
C. Edwin Barrows,	S. Attleboro', Mass.,	A. M.,	2 H. C.
Robert B. Chapman,	Providence,	A. M.,	57 Angell St.
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Edward L. Clark,	Boston, Mass.,	A. M.,	27 Franklin House.
E. Washburn Coy,	E. Abington, Mass.,	A. M.,	14 H. C.
James F. DeCamp,	Cincinnati, Ohio,	A. M.,	21 H. C.
Howard M. Emerson,	N. Reading, Mass.,	A. M.,	9 H. C.
J. Henry Gilmore,	Concord, N. H.,	A. M.,	12 H. C.
Robert I. Goddard,	Providence,	A. M.,	38 George St.
Merrick Goldthwait,	Uxbridge, Mass.,	A. M.,	32 H. C.
Arnold Green,	Providence,	A. M.,	14 John St.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Edward M. Gushee,	Bristol,	A. M.,	23 H. C.
Samuel T. Harris,	Cincinnati, Ohio,	A. M.,	24 U. H.
John M. Hay,	Warsaw, Ill.,	A. M.,	44 H. C.
Leander C. Manchester,	North Providence,	A. M.,	20 U. H.
Francis Mansfield,	Lowell, Mass.,	A. M.,	44 H. C.
Aaron H. Nelson,	Wickford,	A. M.,	47 State St.
Walter B. Noyes,	Providence,	A. B.,	274 Benefit St.
Joseph H. Patten,	Providence,	B. P.,	25 Union St.
William B. Phillips,	Providence,	A. M.,	Rev. Mr. Phillips's.
Henry G. Safford,	Boston, Mass.,	A. M.,	24 H. C.
Samuel G. Silliman,	Bridgeport, Conn.,	A. M.,	38 H. C.
J. Lippitt Snow,	Providence,	A. M.,	23 H. C.
Solon W. Stevens,	Lowell, Mass.,	A. M.,	47 State St.
Wm. L. Stone,	Saratoga Springs, N.Y.,	A. B.,	25 Waterman St.
Lyman B. Tefft,	Exeter,	A. M.,	38 H. C.
Samuel Thurber,	Providence,	A. M.,	63 Bowen St.

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NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
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Edward L. Barker,	Newport,	A. M.,	5 H. C.
George Beverly, Jr.,	Providence,	A. M.,	28½ S. Main St.
William E. Bowen,	Providence,	A. M.,	107 Power St.
Lucius S. Bolles,	Providence,	A. M.,	49 William St.
Charles H. Brown,	Philadelphia, Pa.,	A. M.,	60 William St.
Charles B. Chace,	Fall River, Mass.,	S. C.,	37 H. C.
Isaac D. Colburn,	Hudson, N. H.,	A. M.,	40 U. H.
Charles L. Colby,	Newton Centre, Mass.,	B. P.,	22 H. C.
Frederick D. Ely,	Wrentham, Mass.,	A. M.,	48 U. H.
Ezekiel L. DeCamp,	Cincinnati, Ohio,	A. M.,	21 H. C.
Jacob Dunnell, Jr.,	Pawtucket, Mass.,	A. M.,	50 U. H.
Silas P. Holbrook,	Wrentham, Mass.,	A. M.,	48 U. H.
Adoniram B. Judson,	Plymouth, Mass.,	A. M.,	41 H. C.
Elnathan Judson,	Plymouth, Mass.,	A. M.,	41 H. C.
William W. Keen, Jr.,	Philadelphia, Pa.,	A. M.,	23 U. H.
William D. King,	Newport,	A. M.,	7 H. C.
William H. Kneass,	Philadelphia, Pa.,	A. B.,	51 U. H.
Moses Lyman, Jr.,	Goshen, Conn.,	B. P.,	52 U. H.
Robert Millar,	N. Providence,	B. P.,	30 U. H.
Edwin W. Mitchel,	Cincinnati, Ohio,	B. P.,	105 Benefit St.
Stephen S. Nash,	Addison, Me.,	A. B.,	43 U. H.
A. W. Nelson,	Lakeville, Mass.,	A. M.,	37 H. C.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Alfred North,	Torrington, Conn.,	B. P.,	33 U. H.
Charles H. Perry,	Worcester, Mass.,	A. M.,	10 H. C.
J. Trask Plummer,	Goffstown, N. H.,	A. M.,	8 H. C.
Samuel T. Poinier,	Cincinnati, Ohio,	A. M.,	37 U. H.
George L. Porter,	Pittsburgh, Pa.,	A. M.,	42 U. H.
Albert K. Potter,	Coventry,	A. M.,	35 H. C.
Walter M. Potter,	Roxbury, Mass.,	A. M.,	57 Waterman St.
Joseph P. Pratt,	Lawrence, Mass.,	A. M.,	19 H. C.
Chester F. Short,	Knoxville, Pa.,	A. M.,	52 U. H.
Charles M. Smith,	Providence,	A. M.,	104 Hope St.
Virgil C. Smith,	Cumberland,	A. M.,	73 Franklin House.
Thomas F. Tobey,	Providence,	A. M.,	110 Benevolent St.
Richard Waterman,	Providence,	A. B.,	32 Benefit St.
David Weston,	Middleboro', Mass.,	A. M.,	56 U. H.
Solon F. Whitney,	Harvard, Mass.,	A. M.,	43 U. H.
Charles P. Williams,	Cincinnati, Ohio,	B. P.,	105 Benefit St.
George L. Wrenn,	Middletown, Ohio,	A. B.,	38 U. H.

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Luther W. Alger,	N. Bridgewater, Mass.,	S. C.,	28 H. C.
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Henry Billing,	Worcester, Mass.,	B. P.,	10 H. C.
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Horace S. Bradford,	Providence,	A. M.,	158 Pine St.
Arnold Burges,	Seekonk, Mass.,	A. M.,	19 U. H.
Knight D. Cheney,	Hartford, Conn.,	B. P.,	34 U. H.
Stephen A. Cobb,	St. Anthony, Min.,	A. B.,	125 Benefit St.
David P. Corbin,	Union, Conn.,	A. M.,	19 H. C.
Edwin Cowles,	Claremont, N. H.,	A. M.,	45 U. H.
Samuel W. Duncan,	Haverhill, Mass.,	A. M.,	42 H. C.
William G. Ely,	Norwich, Conn.,	B. P.,	17 U. H.
Richard G. Fry,	East Greenwich,	A. M.,	35 H. C.
Oliver P. Fuller,	Canton, Mass.,	A. B.,	1 H. C.
Franklin B. Gamwell,	Providence,	A. M.,	58 U. H.
David V. Gerald,	Seekonk, Mass.,	A. M.,	19 U. H.
A. Judson Gordon,	New Hampton, N. H.	A. M.,	41 U. H.
William Grosvenor, Jr.,	N. Providence,	A. M.,	17 U. H.
Geo. Watson Hall,	Providence,	A. M.,	28 Angell St.
Earl C. Harris,	Providence,	S. C.,	32 Atwell's Avenue.
Henry P. Harris,	Warwick,	S. C.,	251 Westminster St.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Charles Herbert,	Rowley, Mass.,	A. M.,	63 Bowen St.
Daniel J. Holbrook,	N. Wrentham, Mass.,	A. M.,	20 H. C.
Wayland Hoyt,	Cleveland, Ohio,	A. M.,	38 U. H.
Harris S. Inman,	Coventry,	A. M.,	35 H. C.
Pardon S. Jastram,	Providence,	A. M.,	18 Transit St.
Wm. H. H. Jenney,	Mt. Clemens, Mich.,	A. M.,	154 S. Main St.
Charles G. King,	Providence,	A. M.,	35 College St.
William M. Ledwith,	Jacksonville, Fla.,	A. M.,	200 Benefit St.
George T. McCormick,	Pittsburgh, Pa.,	A. B.,	22 U. H.
Joseph L. Meigs,	Mattapoisett,	A. B.,	251 Westminster St.
Horace G. Miller,	Pawtucket,	A. M.,	154 S. Main St.
Francis W. Miner,	Providence,	S. C.,	Mrs. Miner's.
Frederick A. Mitchel,	Cincinnati, Ohio,	A. M.,	105 Benefit St.
James M. Morton, Jr.,	Fall River, Mass.,	S. C.,	26 H. C.
Charles H. Perkins,	Boston, Mass.,	A. B.,	45 U. H.
James DeWolf Perry,	Bristol,	A. M.,	23 President St.
Andrew C. Pollard,	Taunton, Mass.,	A. M.,	49 U. H.
Francis M. Pond,	W. Medway, Mass.,	A. M.,	13 Arnold St.
Henry K. Porter,	Pittsburgh, Pa.,	A. M.,	42 U. H.
William C. Raynolds,	Chicago, Ill.,	S. C.,	125 Benefit St.
Alfred A. Read,	Warwick,	A. M.,	120 Power St.
Howard M. Rice,	Millbury, Mass.,	A. M.,	25 H. C.
Livingston Satterlee,	New York, N. Y.,	S. C.,	105 Benefit St.
Thomas Slade,	Fall River, Mass.,	A. B.,	26 H. C.
Moses Smith,	Goshen, N. Y.,	S. C.,	29 H. C.
William S. Smith,	Providence,	A. M.,	104 Hope St.
Robert H. Thurston,	Providence,	S. C.,	80 Transit St.
Harris H. Tinker,	Worcester, Mass.,	S. C.,	62 Waterman St.
Albert G. Washburn,	Fair Haven, Mass.,	A. M.,	16 H. C.
Jeremiah Whipple,	Cumberland,	A. B.,	154 S. Main St.
John Whipple, Jr.,	Providence,	A. B.,	39 College St.
Luther Whipple,	Ipswich, Mass.,	S. C.,	56 U. H.
James A. Williamson,	Wilkinsonville, Mass.,	A. M.,	13 Byron St.

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Orville A. Barker,	Taunton, Mass.,	A. M.,	29 Benevolent St.
James C. Bennett,	Mystic, Conn.,	S. C.,	33 H. C.
John K. Bucklin,	Glocester,	A. M.,	34 H. C.
Henry S. Burrage,	Roxbury, Mass.,	A. M.,	3 H. C.
Christopher C. Burrows,	Geneva, Ohio,	S. C.,	33 H. C.
Henry W. Butler,	Springfield, Ill.,	A. B.,	31 Prospect St.
Charles D. Cady,	Providence,	A. B.,	80 Power St.
Frank H. Carpenter,	Pawtucket, Mass.,	A. M.,	36 U. H.
Thomas T. Caswell,	Providence,	A. M.,	40 Angell St.
Edward D. Chamberlin,	Boston, Mass.,	A. M.,	25 Waterman St.
Charles H. Chapman,	Providence,	A. M.,	57 Angell St.
Joseph G. Chapman,	Oxford, N. Y.,	A. B.,	29 Benevolent St.
Augustus P. Clark,	Seekonk, Mass.,	A. M.,	30 H. C.
Stephen A. Cooke, Jr.,	Providence,	A. M.,	66 Washington St.
George M. Daniels,	Providence,	A. M.,	204 N. Main St.
George E. Darling,	St. Stephens, N. B.,	B. P.	120 Power St.
James A. DeWolf,	Providence,	A. M.,	206 Westminster St.
Wm. W. Douglas,	Providence,	A. M.,	2 Olive St.
Albert N. Drown,	Warren,	A. M.,	42 H. C.
George J. Dunbar,	Taunton, Mass.,	A. M.,	27 Governor St.
Amasa M. Eaton,	N. Providence,	S. C.,	Mrs. Eaton's.
Thomas H. Edsall,	Goshen, N. Y.,	A. B.,	29 H. C.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
John J. Ely,	Freehold, N. J.,	A. M.,	65 Waterman St.
Samuel E. Fairfield, Jr.,	Stafford, Conn.,	A. B.,	10 Meeting St.
Lonzo L. Fitz,	Middleboro,' Mass.,	A. M.,	Mrs. E. Goddard's.
Samuel J. Hastings,	Roxbury, Mass.,	A. M.,	44 Mathewson St.
Charles H. Hidden,	Providence,	A. M.,	45 Richmond St.
George A. Holbrook,	Smithfield,	A. M.,	204 N. Main St.
William W. Hoppin, Jr.,	Providence,	A. M.,	32 Snow St.
Lewis M. Johnson,	Haverhill, Mass.,	A. M.,	38 U. H.
Robert G. Johnson,	Lynn, Mass.,	A. B.,	40 U. H.
George W. Ketcham,	Dover Plains, N. Y.,	A. M.,	65 Waterman St.
William F. Killey,	Smithfield,	B. P.,	8 Mulberry St.
Darius F. Lamson,	Weston, Mass.,	S. C.,	6 Hopkins St.
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Edward F. Macomber,	Taunton, Mass.,	A. M.,	10 Cherry St.
Charles Matteson,	Coventry,	A. M.,	34 H. C.
Charles Mendenhall,	Cincinnati, Ohio,	S. C.,	45 Sabin St.
William H. Merrill,	Newburyport, Mass.,	A. M.,	51 George St.
David H. Montgomery,	Syracuse, N. Y.,	S. C.,	154 S. Main St.
Benjamin F. Pabodie,	Providence,	A. B.,	17 H. C.
Stephen F. Peckham,	N. Providence,	S. C.,	Mr. Peckham's.
Daniel C. Phillips,	Pittsburgh, Pa.,	S. C.,	28 H. C.
Samuel F. Quimby,	Salem, Mass.,	A. M.,	21 Planet St.
John W. Rogers,	Mansfield, Mass.,	A. M.,	15 H. C.
Jacob R. Sanborn,	Concord, N. H.,	A. B.,	188 Westminster St.
Sumner U. Shearman,	Providence,	A. B.,	63 Smith St.
Henry K. Southwick,	Providence,	A. M.,	38 Carpenter St.
Andrew W. Spooner,	Barre, Mass.,	A. B.,	31 H. C.
Henry J. Spooner,	Dighton, Mass.,	A. B.,	17 H. C.
Charles M. Stead,	Providence,	A. M.,	163 Broad St.
Edward O. Stevens,	Newton Centre, Mass.,	A. M.,	25 H. C.
John H. Stiness,	N. Providence,	A. M.,	Mr. Stiness's.
Lucien B. Stone,	Pawtucket,	A. M.,	30 H. C.
Alfred D. Thomas,	Delavan, Wis.,	A. M.,	65 Waterman St.

NAMES.	RESIDENCE.	ENTERED FOR,	ROOMS.
Oscar A. Tobey,	Smithfield,	B. P.,	8 Mulberry St.
Washington B. Trull,	Boston, Mass.,	A. M.,	41 U. H.
Francis M. Vaughan,	Middleboro,' Mass.,	A. B.,	15 H. C.
Alfred M. Williams,	Taunton, Mass.,	A. M.,	62 George St.
S. Vischer Woodruff,	Hartford, Conn.,	A. B.,	120 Power St.
George B. Yandes,	Indianapolis, Ia.,	S. C.,	29 Benevolent St.

DEPARTMENTS OF PRACTICAL SCIENCE.

The class in Practical Chemistry contains, at present, seventeen; the class in Civil Engineering, six. The last year, after the publication of the Catalogue, there were twenty-three in the class in Chemistry, and eighteen in Engineering. These classes consist partly of persons who come to the University only to pursue courses of practical science, and partly of College students, who pursue these courses, along with studies required for a degree. The names of the latter have been given in their places in the classes. Those of the former—all attending the course in Chemistry—are here added:

NAMES.	RESIDENCE.	
James B. Anthony,	Providence,	9 Benevolent St.
Levi B. Darling,	S. Providence,	
Elisha Dyer, Jr.,	Providence,	11 Green St.
Andrew H. Fielden,	Providence,	7 Fountain St.
John B. Francis, Jr.,	Warwick,	Mr. Francis's.
Edward C. Franklin,	Providence,	145 Westminster St.

ABBREVIATIONS.

U. H. ..... University Hall.
H. C. ..... Hope College.
A. M. ..... Master of Arts.
A. B. ..... Bachelor of Arts.
B. P. ..... Bachelor of Philosophy.
S. C. ..... Select Course.

SUMMARY.

Resident Graduates	5
Seniors	29
Juniors	42
Sophomores	58
Freshmen	65
Students in Practical Chemistry	6
	205

Candidates for the degree of A. M.	127
" " " A. B.	28
" " " B. P.	14
Students pursuing a Select Course	25

TIME AND CONDITIONS OF ADMISSION.

Students of the University may be either candidates or not candidates for a degree. All, however, are subject to the same laws, equally entitled to any certificate of standing which they may have deserved and liable to the same punishments for transgression of the laws.

Students duly qualified are allowed to pursue their studies for a longer or shorter time, as their age, ability, or pecuniary circumstances may render convenient to themselves; the Faculty, however, having the right to direct the studies of each in such manner as to prevent idleness on the one hand, or superficial haste on the other.

Opportunity is also offered to any other person of good character, who may wish it, to enjoy all the advantages of any single study or separate course, under such regulations as the Executive Board may prescribe.

The regular examination for admission to the Freshman class, is held on Thursday and Friday of Commencement week, (September 2d and 3d, 1858,) beginning at 8 o'clock, A. M., on Thursday. All candidates must present themselves on Thursday, at 8 o'clock, in No. 12 University Hall, and must be in attendance during that day and on Friday.

The regular examination for admission to the other classes of the University, is held on Saturday of Commencement week, (September 4th, 1858.)

There will be an examination, for admission to advanced standing in the several classes, at the beginning of the second term, commencing on Saturday, at 9 o'clock, (February 12th, 1858.)

Candidates for admission to the course prescribed for the degree of Bachelor of Arts,* are examined in

Arithmetic, and Algebra as far as Quadratic Equations,

Ancient and Modern Geography,

English Grammar, and the use of the English language,

Greek Grammar, the Greek Reader, or an equivalent portion of some classical Greek Author, and in writing Greek,

Latin Grammar, Cæsar's Commentaries, the Æneid of Virgil, Six Orations of Cicero, Latin Prosody, and in writing Latin.

There are two parallel courses of instruction for the degree of Bachelor of Philosophy; the one including classical studies, and the other omitting them, and substituting a larger amount of scientific studies. For admission to the former of these courses, students are examined as for the degree of Bachelor of Arts, except that the candidate need be examined only in that ancient language which he intends to pursue, if he elect to pursue only one. To be admitted to the latter course, students are examined in Arithmetic, and Algebra as far as quadratic equations, and in English Grammar.

Students who wish to pursue a select course, without entering as candidates for a degree, must be examined in the several branches of a good English education.

No student can be admitted as a candidate for matriculation, unless he bring suitable testimonials of good moral character; and if he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in, the institution which he has left.

The earliest age, at which in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

*By an act of the Corporation, passed September, 1857, the degree of Master of Arts is, in the case of all students entering after the academical year 1857–58, to be conferred only in course upon those who shall have received the degree of Bachelor of Arts; and the degree of Bachelor of Arts and the degree of Bachelor of Philosophy are hereafter to be conferred in accordance with the conditions specified in the above section, and in the following one.

The form of matriculation is as follows: A student who wishes to become a member of the University, must first present his testimonials to the President, who, if satisfied with his evidences of good character, will admit him as a candidate to be examined for admission. If his examination be satisfactory, the student shall procure and read a copy of the Laws of the University, after which he shall call again upon the President and sign a declaration of his deliberate intention to obey all the laws of the University, so long as he shall remain a member of it. The President shall then give him a certificate of matriculation, which shall entitle him to make the customary arrangements with the Register, and proceed with the studies of his class.

As soon as the student is matriculated, (if he be a minor,) the President shall send by mail to his parent or guardian, a copy of the laws of the University.

DEGREES, AND THE COURSES OF INSTRUCTION.

The regular Degrees, conferred in this University, are the Degrees of Bachelor of Arts and Bachelor of Philosophy.

The course of studies for the degree of Bachelor of Arts, extends through a period of four years. In order to obtain this degree, the student must have certificates of proficiency in the following courses of instruction:—

Each of the Ancient Languages for one year and a half,
Mathematics for one year and a half,
One Modern Language for one year,
Natural Philosophy for one year,
Rhetoric and English Literature for one year,
Chemistry and Physiology for one year,
History for one year,
Intellectual and Moral Philosophy for one year,

And three others of one term each, which must be selected from the following studies: a second modern language, or any two of the following, viz. Geology, Political Economy, Advanced Latin, Advanced Greek.

For the degree of Bachelor of Philosophy there are two parallel courses of study, each extending through a period of three years.

The first of these courses embraces the following studies:

An Ancient Language, pursued for two years,
(or) The two Ancient Languages, each for one year,
A Modern Language, for one year,
Mathematics, for one year,
Rhetoric, for one year,
History, for one year,
Intellectual and Moral Philosophy, for one year,

And four others, for one term each, to be selected from Chemistry, Physiology, Natural Philosophy, Political Economy and Geology, or from advanced studies in any of the other departments.

The second of these parallel courses embraces the following studies:

Mathematics, for one year,
A Modern Language, for one year,
Rhetoric, for one year,
Chemistry and Physiology, for one year,
Natural Philosophy, for one year,
History, for one year,
Intellectual and Moral Philosophy, for one year,

And four others, for one term each, to be selected from Political Economy and Geology, a second Modern Language, or from advanced courses in any of the other departments.

A student who attends, for two years, the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall, in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

The courses of instruction for the different degrees are pursued as follows:

I. FOR THE DEGREE OF BACHELOR OF ARTS.

FIRST YEAR.

FIRST TERM.

1. *Greek.* Felton's Greek Historians.—Arnold's Greek Prose Composition.—Smith's History of Greece.
2. *Latin.* Cicero de Senectute and De Amicitia.—Livy (Lincoln's Selections) commenced.—Arnold's Latin Prose Composition.—Schmitz's History of Rome.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Greek.* Homer's Iliad.—Arnold's Greek Prose Composition completed.
2. *Latin.* Livy completed.—Arnold's Latin Prose Composition completed.
3. *Mathematics.* Davies's Bourdon's Algebra, beginning at Chapter 5th.

SECOND YEAR.

FIRST TERM.

1. *Greek,* Demosthenes.—Exercises in Greek Composition.—Lectures.
   and
   Latin. Horace (Lincoln's edition).—Exercises in Latin Composition.—Lectures.
2. *Mathematics.* Plane and Spherical Trigonometry, Loomis, or Davies's Legendre.
3. *French,* Fasquelle's French Course.—Oral and Written Exercises.—Voltaire's Siècle de Louis XIV.—Angell's
   or
   Chambers' Hand Book of French Literature.
   German. Woodbury, with oral and written exercises. Roelker's German Reader.

SECOND TERM.

1. *Greek, and Latin.* Demosthenes.—Exercises in Greek Composition.—Lectures. Horace.—Exercises in Latin Composition.—Lectures.
2. *French, or German.* Fasquelle continued, with Exercises.—Collot's Dramatic Reader.—Angell's Chambers' Hand Book of French Literature. Woodbury continued, with exercises.—Schiller's Jungfrau von Orleans.—Goethe's Iphigenia.
3. *Mathematics, or Physiology.** Analytical Geometry. Lectures.

THIRD YEAR.

FIRST TERM.

1. *Natural Philosophy.* Smith's Mechanics, and Lectures.
2. *Rhetoric.* Campbell, and Lectures.—Spalding's History of English Literature, and Lectures.—Essays and Declamations.
3. *Chemistry.* Lectures.

SECOND TERM.

1. *Natural Philosophy.* Norton's Astronomy, and Lectures.
2. *Rhetoric.* Whately's Logic and Lectures. Whately's Rhetoric. Spalding's History of English Literature, and Lectures.—Essays and Declamations.
3. *Physiology.* Lectures.

Or any two of the following elective† studies, viz.:

(1.) *Geology.* Lectures.
(2.) *Political Economy.* Wayland and Lectures.
(3.) *Latin.* Cicero or Tacitus.—Latin compositions.—Lectures.
(4.) *Greek.* Sophocles or Euripides.—Greek Compositions.—Lectures.

* Physiology is a study required for this degree, but it may be pursued either this term, or the second term of the third year, at the option of the student, in the manner designated in the course.

† The selections of elective studies, in the second term of the third, and of the fourth year, are subject to limitation by the times of recitation.

FOURTH YEAR.

FIRST TERM.

1. *Intellectual Philosophy.* Wayland.
2. *Modern History.* Guizot, Hallam, and Lectures.
3. Either of the following elective studies, viz.:
   (1.) *Latin*, Tacitus.—Lectures.
   and Greek. Plato.—Lectures.
   (2.) A Modern Language.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *English and American History and Constitutional Law.* Hallam, Sheppard's Constitutional Text Book, and Lectures.
3. A Modern Language, continued,
   Or any two of the following elective studies, viz.:
   (1.) *Geology.*
   (2.) *Political Economy.*
   (3.) *Latin.* The Rhetorical Works of Cicero.—Lectures.
   (4.) *Greek.* Sophocles, or Euripides.—Lectures.

II. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

I.

FIRST YEAR.

FIRST TERM.

1. *Latin* or *Greek.* Text books as in the first year of the preceding Course.
2. *French* or *German.* Text books as in the second year of the preceding Course.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Latin* or *Greek*, continued.
2. *French or German*, continued.
3. *Mathematics.* Davies's Bourdon's Algebra.

SECOND YEAR.

FIRST TERM.

1. *Latin* or *Greek.* Text books as in the second year of the preceding Course.
2. *Rhetoric.* Text books as in the third year of the preceding Course.
3. Either of the following elective studies, viz.:
   (1.) *Mathematics.* Plane and Spherical Trigonometry.
   (2.) *Natural Philosophy.*

SECOND TERM.

1. *Latin* or *Greek*, continued.
2. *Rhetoric*, continued.
3. Either of the following elective studies, viz.:
   (1.) *Natural Philosophy.*
   (2.) *Physiology.* Lectures.

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.* Wayland.
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, French or German.
   (2.) *Chemistry.* Lectures.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Geology*, and *Political Economy.*

II.

FIRST YEAR.

FIRST TERM.

1. *Mathematics.* Davies's Legendre's Geometry.
2. *Chemistry.* Lectures.
3. *French,* Text books same as above mentioned.
   or *German.* Text books same as above mentioned.

SECOND TERM.

1. *Mathematics.* Davies's Bourdon's Algebra.
2. *Physiology.* Lectures.
3. *French,* continued.
   or *German,* continued.

SECOND YEAR.

FIRST TERM.

1. *Natural Philosophy,* (pursued as in the above Courses.)
2. *Rhetoric,* (pursued as in the above Courses.)
3. One of the following elective studies, viz.:
   (1.) *Mathematics.*
   (2.) *Civil Engineering.*
   (3.) *Practical Chemistry.*

SECOND TERM.

1. *Natural Philosophy,* continued.
2. *Rhetoric,* continued.
3. One of the following elective studies, viz.:
   (1.) *Civil Engineering,* continued.
   (2.) *Practical Chemistry,* continued.
   (3.) *Geology,* and *Political Economy.*

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.* Wayland.
2. *History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language.
   (2.) *Civil Engineering*, continued.
   (3.) *Practical Chemistry*, continued.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Civil Engineering*, completed.
   (3.) *Practical Chemistry.*

DEPARTMENTS OF PRACTICAL SCIENCE.

Departments of Practical Science have been established in the University, designed for the benefit of those who do not intend to enter the learned professions, but wish to prepare themselves for the pursuits of active life, and especially for those practical arts, in which success depends essentially on an acquaintance with chemistry or with mathematics. By the statutes of the University, the studies of these departments may be pursued as elective studies by all candidates for the degree of Bachelor ot Philosophy; and also, in special cases, on permission being granted by the Faculty, by candidates for the degree of Bachelor of Arts. These departments are the following:

I. CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of Chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes, and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week excepting Saturday, from 9 A. M. until 5 P. M. On Saturday, during the forenoon only.

II. CIVIL ENGINEERING.

The full course of Civil Engineering occupies a year and a half. It embraces the following studies and exercises:

Descriptive Geometry—Shade and Shadows—Linear Perspective—Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-work, and the measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction in all its branches, and to the nature and preparation of the materials used.

Drawing. — Geometrical and Perspective — Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying with Compass, Theodolite, &c.; Leveling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz.:— Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections; which make up the course of Mathematics taught in the University.

Without this amount of preparation, persons may be admitted to any portion of the above mentioned course which they are able to pursue to advantage.

The terms of instruction in these Departments of Practical Science, are given in a paragraph on page 38, under the head of Expenses.

LIBRARIES.

The University Library is in Manning Hall, and contains, at present, twenty-eight thousand volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of students and gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M. till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise, together, six thousand volumes, accessible to all the students of the University.

PREMIUMS.

The sum of four hundred and twenty dollars is annually offered in premiums to undergraduates who have attained to distinguished excellence in the various departments of study.

The University Premiums are derived from a legacy of the late Hon. Nicholas Brown. The statutes by which the award of them is governed, are the following:

1. The competition for the University premiums is open only to those students who are candidates for some one of the degrees conferred by the University.

2. No student shall be admitted as a candidate for a premium, who does not sustain an irreproachable moral character, and who is not punctual in his attendance upon all collegiate exercises.

3. No student shall be a competitor for a premium whose average standing, for the year, is below fifteen—the maximum of standing being twenty.

4. No student shall be a competitor for more than one premium, whose average standing, for the year, is below eighteen.

5. The following premiums are offered.

A first premium of fifteen dollars, and a second premium of ten dollars, to the first and to the second class in Greek, to the first and to the second class in Latin, to the first and to the second class in Mathematics, and to the first class in French.

A first premium of seventeen dollars, and a second premium of fifteen dollars, to the class in English Literature, to the class in Natural Philosophy, and to the class in Physical Science.

A premium of seventeen dollars to the third class in Greek, to the third class in Latin, and to the third class in Mathematics.

A first premium of twenty dollars, and a second of seventeen dollars, to the class in History, and to the class in Intellectual and Moral Philosophy.

All papers for premiums for the present collegiate year, must be presented to the President on or before the *fifth day* of June.

The problems in Natural Philosophy and Mathematics are presented to competitors at the examination for premiums in those departments.

The themes for UNIVERSITY PREMIUMS for the present year are the following:

I. GREEK DEPARTMENT.

For the First Class:
"The Acropolis of Athens."

For the Second Class:
"The Amphictyonic Council."

For the Third Class:
"The Gorgias of Plato."

II. LATIN DEPARTMENT.

For the First Class:
De judicio morteque M. Manlii Capitolini.

For the Second Class:
De Satira Romana ejusque scriptoribus præcipuis.

For the Third Class:
De Ciceronis in philosophiam meritis.

I. DEPARTMENT OF MODERN LANGUAGES.

For the First Class in French:
The Death of Molière.

IV. DEPARTMENT OF RHETORIC AND ENGLISH LITERATURE.

The Prose Works of John Milton.

THE PRESIDENT'S PREMIUMS are awarded to those students entering as candidates for the degree of A. B. or A. M., who have attained the highest excellence in the studies preparatory for admission to the University.

A first premium of fifteen dollars and a second of ten dollars, are awarded for excellence in the Greek Language.

A first premium of fifteen dollars, and a second of ten dollars, are awarded for excellence in the Latin Language.

The examination for the President's Premiums is held on the first Monday of the first Collegiate term. The competitors will be examined in Latin and Greek Grammar, in writing Latin and Greek, and in the first six books of the Æneid of Virgil, and the first three books of Xenophon's Anabasis. The examiners are the Professor of Latin, the Professor of Greek, and Mr. James Tillinghast.

The premiums for the academical year 1856–7, were awarded as follows:

1. History and Political-Economy.
   The Second Premium to B. H. Smith.

2. Natural Philosophy.
   The First Premium to L. B. Tefft.
   The Second Premium to D. S. Stone.
   Also, a Second Premium to S. G. Silliman.

3. Rhetoric.
   The First Premium to S. T. Harris.

4. Modern Languages.
   The First Premium to J. A. Williamson.
   The Second Premium to D. Weston.

5. Mathematics.
   First Year—The First Premium to H. S. Bradford.
   Second Year.—The First Premium to William W. Keen, Jr.
   The Second Premium to V. C. Smith.
   Third Year.—The Premium to D. S. Stone.

6. Latin.
   First Year.—The First Premium to A. J. Gordon.
   The Second Premium to J. A. Williamson.
   Second Year.—The First Premium to T. F. Tobey.
   The Second Premium to W. M. Potter.

7. Greek.
   First Year.—The First Premium to D. J. Gerald.
   The Second Premium to H. S. Bradford.
   Second Year.—The First Premium to W. M. Potter.

8. Physical Science.

The First Premium to L. B. Tefft.
The Second Premium to E. L. Clark.

The President's Premiums for excellence in the studies preparatory to admission, were awarded as follows:

The First Premium in Latin to Isaac B. Barker, instructed by Mr. C. C. Burnett, in the Peirce Academy, Middleboro'.

The Second Premium in Latin to Samuel J. Hastings, instructed by Mr. A. H. Buck, in the Roxbury Latin School.

The First Premium in Greek to Samuel J. Hastings.

The Second Premium in Greek to Isaac B. Barker.

TERM EXAMINATIONS.

Examinations of all the classes are held at the close of each term. These examinations are both oral and in writing. When in writing, the questions are prepared by the committees of examination and presented to each student, at the time of the examination, and he is required to return his answers within a specified time. From the aggregate value of these answers, his standing by examination is determined.

The following committees of examination in the several departments, have been appointed by the Executive Board:

1. Greek Language.

Professor Harkness, Merrick Lyon, Esq.,
Rev. Silas A. Crane, D. D., James Tillinghast, Esq.,
Rev. R. F. Buell.

2. Latin Language.

Professor Lincoln, Rev. Lucius W. Bancroft,
Hon. Charles Thurber, E. H. Magill, Esq.

3. Modern Languages.

Professor Angell, William Goddard, Esq.,
Rev. J. Lewis Diman, William Binney, Esq.

4. Rhetoric and English Literature.

Professor Dunn, Hon. W. S. Patten,
Rev. Leonard Swain, D. D., F. J. Dickman, Esq.

5. Physical Science.

Professor Chase, C. W. Parsons, M. D.,
Owen Mason, Esq., J. W. C. Ely, M. D.,
G. L. Collins, M. D.

6. History and Political Economy.

Professor Gammell, Abraham Payne, Esq.,
Hon. C. S. Bradley, Hon. S. G. Arnold,
Rev. Henry Waterman.

7. Intellectual and Moral Philosophy.

President Sears, Rt. Rev. Thomas M. Clark, D. D.,
Rev. J. Leavitt, D. D., Rev. Alva Woods, D. D.,
Nathan Bishop, LL. D.

8. Natural Philosophy and Astronomy.

Professor Caswell, Caleb Farnum, Esq.,
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9. Mathematics and Civil Engineering.

Professor Greene, S. B. Cushing, Esq.,
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10. Chemistry applied to the Arts.

Professor Chace, E. M. Snow, M. D.,
T. P. Shepard, M. D., Nathaniel P. Hill,
Thomas P. Ives, Esq.

EXERCISES IN ELOCUTION AND COMPOSITION.

The Senior and Junior Classes have regular exercises in Declamation. Each member of these classes is required to deliver an original speech once a month. Members of the Junior and Sophomore Classes pursuing the study of Rhetoric, are required to present Essays once a fortnight.

DIRECTIONS FOR STUDENTS.

1. The terms of the University always commence on Friday. This and the following days are occupied in making the necessary preliminary arrangements. Every student is expected, within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he is to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to enter his name for his studies immediately upon the commencement of the term, and to present himself at the first exercise; any failure to do so will be reported with demerits.

4. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

5. In case of absence, the student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

6. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

7. Once every day, all absences which have occurred during the previous twenty-four hours, are reported to the Register.

8. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency without excuse, in any literary exercise.

9. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student of the fact; and when his demerits amount to 100, to dismiss him from the University.

10. After reports are entered on the books of the Register, no alteration can be made on account of negligence in presenting an excuse on the part of the student.

11. The rooms in College, for the use of students, are assigned by the President; and only those persons are allowed to occupy them, whose deportment is in all respects quiet and orderly.

EXPENSES.

TERM bills must be paid at the commencement of each term.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5,00.

The College expenses for a year are as follows:

Tuition, $18,00 per term	$36 00
Room-rent, $4,50 per term	9 00
Servant's hire, $3,50 per term	7 00
Use of Library, $1,50 per term	3 00
Register's salary, $2,00 per term	4 00
Repairs, from $1,75 to $2,00 per term	4 00
Public Fuel, from $1,75 to $2,00 per term	4 00
	$67 00

If a student occupy a room alone, his rent and servants' hire are doubled.

Board is not furnished in College. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:

Board at from $2,25 to 3,00 per week. Board and lodging, with furnished rooms, in some cases washing or fuel included, from $3,50 to $4,50 per week.

There is also a Boarding Club, which is aided to some extent by the Corporation. The price of board in this club, the last year, was somewhat less than $2,00 per week.

The above estimate for tuition does not include the fees for instruction in Practical Chemistry and in Civil Engineering. For the full course in each of these departments, the fee is $30,00 per term. But students who pursue the studies of either of these departments in connection with those of the other departments of the College, or persons, not pursuing other studies in College, who devote only a portion of their time to either of these departments, pay a fee in proportion to the time occupied.

All the apparatus, required in the Chemical Laboratory, will be furnished the student and charged in his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alcohol, Gas, and all other materials required, use of apparatus, fuel, and other current expenses, per term..... $55 00

This charge is intended merely to cover the average cost. If the cost falls below the charge specified, the deduction will be made accordingly.

CALENDAR FOR 1857-58.

1857.

First Term begins Friday.....September 4.

First Exhibition, Saturday preceding Thanksgiving.

First Recess, the week of the annual Thanksgiving.

1858.

First Term ends Thursday.....January 21.

WINTER VACATION, THREE WEEKS.

Second Term begins Friday.....February 12.

Second Exhibition, Saturday.....May 1.

Second Recess, the week succeeding Exhibition.

Second Term ends Thursday.....July 8.

SUMMER VACATION, EIGHT WEEKS.

Commencement, Wednesday.....September 1.

First Term begins Friday.....September 3.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1858-59.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1858-59.

PROVIDENCE:
KNOWLES, ANTHONY & CO., PRINTERS.
1858.

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Virgil Clarendon Smith,	Cumberland,	73 Franklin House
Thomas Fry Tobey,	Providence,	110 Benevolent St.
Richard Waterman,	Providence,	32 Benefit St.
David Weston,	Middleboro', Mass.,	56 U. H.
Solon Franklin Whitney,	Harvard, Mass.,	43 U. H.
George Lawson Wrenn,	Middletown, Ohio,	37 U. H.

JUNIOR CLASS.

NAMES.	RESIDENCE.	ROOMS.
Granville Sharp Abbott,	North Reading, Mass.,	9 H. C.
Ethan Allen,	New York, N. Y.,	17 U. H.
Garrett Pendergrast Arbegust,	Louisville, Ky.,	8 H. C.
Martin Bennett, Jr.,	Bristol,	251 Westminster St.
Thomas Williams Bicknell,	Barrington,	19 U. H.
Henry Billing,	Worcester, Mass.,	12 H. C.
Horace Standish Bradford,	Providence,	158 Pine St.
David Potter Corbin,	Union, Conn.,	23 H. C.
Samuel White Duncan,	Haverhill, Mass.,	42 H. C.
Oliver Payson Fuller,	Canton, Mass.,	38 H. C.
Franklin Bert Gamwell,	Providence,	58 U. H.
Adoniram Judson Gordon,	New Hampton, N. H.,	44 U. H.
William Grosvenor, Jr.,	North Providence,	17 U. H.
George Watson Hall,	Providence,	28 Angell St.
Henry Pease Harris,	Warwick,	251 Westminster St.
Charles Herbert,	Rowley, Mass.,	63 Bowen St.
Harris Howard,	Worcester, Mass.,	62 Waterman St.
Wayland Hoyt,	Cleveland, Ohio,	57 U. H.
Harris Smith Inman,	Coventry,	38 H. C.
Pardon Sheldon Jastram,	Providence,	18 Transit St.
William Jenney,	Mt. Clemens, Mich.,	154 South Main St.
William Michael Ledwith,	Jacksonville, Fla.,	200 Benefit St.
George Troup McCormick,	Pittsburgh, Pa.,	22 U. H.
Horace George Miller,	Pawtucket,	154 South Main St.

NAMES.	RESIDENCE.	ROOMS.
Francis Wayland Miner,	Providence,	Mrs. Miner's.
Frederick Augustus Mitchel,	Cincinnati, Ohio,	50 U. H.
James Madison Morton, Jr.,	Fall River, Mass.,	26 H. C.
James DeWolf Perry,	Bristol,	21 H. C.
Francis Metcalf Pond,	West Medway, Mass.,	13 Arnold St.
Henry Kirke Porter,	Pittsburgh, Pa.,	42 U. H.
*Alfred Anthony Read,	Warwick,	
Howard Malcom Rice,	Millbury, Mass.,	25 H. C.
Thomas Slade,	Fall River, Mass.,	26 H. C.
William Sprague Smith,	Providence,	104 Hope St.
Robert Henry Thurston,	Providence,	80 Transit St.
Jeremiah Whipple,	Cumberland,	5 George St.
John Whipple, Jr.,	Providence,	39 College St.
Luther Whipple,	Ipswich, Mass.,	56 U. H.
James Andrew Williamson,	Wilkinsonville, Mass.,	13 Byron St.

SOPHOMORE CLASS.

NAMES.	RESIDENCE.	ROOMS.
William Henry Ames,	New London, Conn.,	51 U. H.
Isaac Bowen Barker,	South Hansen, Mass.,	38 U. H.
Orville Anson Barker,	Taunton, Mass.,	11 H. C.
James Calvin Bennett,	Mystic, Conn.,	41 H. C.
John Knight Bucklin,	Glocester,	34 H. C.
William Townsend Bullock,	Providence,	Mr. Bullock's.
Henry Sweetser Burrage,	Roxbury, Mass.,	38 U. H.
Christopher Columbus Burrows,	Geneva, Ohio,	20 U. H.
Henry Wirt Butler,	Springfield, Ill.,	44 H. C.
Charles David Cady,	Providence,	80 Power St.
Frank Herbert Carpenter,	Pawtucket, Mass.,	34 U. H.
Thomas Thompson Caswell,	Providence,	40 Angell St.
*Edward Dyer Chamberlin,	Boston, Mass.	
Charles Henry Chapman,	Providence,	72 Broadway
Joseph Gilbert Chapman,	Oxford, N. Y.,	29 Benevolent St.
Stephen Aldrich Cooke, Jr.,	Providence,	66 Washington St.
George Metcalf Daniels,	Providence,	204 North Main St.
James Andrews DeWolf,	Providence,	206 Westminster St.
William Wilberforce Douglas,	Providence,	2 Olive St.
Albert Newell Drown,	Warren,	37 U. H.
George James Dunbar,	Taunton, Mass.,	27 Governor St.
Amasa Mason Eaton,	North Providence,	30 U. H.
Thomas Henry Edsall,	Goshen, N. Y.,	29 H. C.
John Joshua Ely,	Freehold, N. J.,	24 U. H.
Samuel Jarvis Hastings,	Roxbury, Mass.,	12 H. C.
Charles Henry Hidden,	Providence,	45 Richmond St.

NAMES.	RESIDENCE.	ROOMS.
Howard Hoffman,	Baltimore, Md.,	32 Snow St.
George Abel Holbrook,	Smithfield,	30 H. C.
Daniel Jefferson Holbrook,	N. Wrentham, Mass.,	20 H. C.
William Warner Hoppin, Jr.,	Providence,	32 Snow St.
Charles Edward Hosmer,	Bedford, Mass.,	56 U. H.
Robert Gray Johnson,	Lynn, Mass.,	31 H. C.
George Washington Ketcham,	Dover Plains, N. Y.,	13 H. C.
Henry Alexander Laughlin,	Pittsburgh, Pa.,	22 H. C.
Charles Henry Lincoln,	Roxbury, Mass.,	25 Waterman St.
Henry Wood Lothrop, Jr.,	Providence,	23 John St.
Henry Morton Lovering,	Taunton, Mass.,	27 Governor St.
Charles Matteson,	Coventry,	34 H. C.
Charles Mendenhall,	Cincinnati, Ohio,	45 Sabin St.
William Henry Merrill,	Newburyport, Mass.,	36 U. H.
David Henry Montgomery,	Syracuse, N. Y.,	32 H. C.
Benjamin Francis Pabodie,	Providence,	45 U. H.
Duncan Clinch Phillips,	Pittsburgh, Pa.,	18 H. C.
Oliver Ormsbee Phillips,	Pittsburgh, Pa.,	18 H. C.
Samuel Foster Quimby,	Salem, Mass.,	36 U. H.
William Henry Randall,	Mystic River, Conn.,	43 H. C.
John Williams Rogers,	Mansfield, Mass.,	16 H. C.
Frederic Mosely Sackett,	Providence,	84 Pine St.
Sumner Upham Shearman,	Providence,	63 Smith St.
Henry Keith Southwick,	Providence,	15 George St.
Henry Joshua Spooner,	Dighton, Mass.,	37 H. C.
Charles Mason Stead,	Providence,	163 Broad St.
Edward Oliver Stevens,	Newton Centre, Mass.,	25 H. C.
John Henry Stiness,	North Providence,	Mr. Stiness's.
Alfred Delavan Thomas,	Delavan, Wis.,	24 U. H.
Washington Benson Trull,	Boston, Mass.,	28 H. C.
Francis Marion Vaughan,	Middleboro', Mass.,	16 H. C.
Samuel Woodbury, Jr.,	Newburyport, Mass.,	33 H. C.
Samuel Vischer Woodruff,	Hartford, Conn.,	116 South Main St.
George Bush Yandes,	Indianapolis, Ia.,	29 Benevolent St.

FRESHMAN CLASS.

NAMES.	RESIDENCE.	ROOMS.
Henry Sylvanus Adams,	Chickopee, Mass.,	65 Waterman St.
Joshua Melancthon Addeman,	Providence,	15 Barclay St.
Thomas Lemuel Angell,	Smithfield,	36 North Main St.
William Henry Appleton,	Providence,	85 Transit St.
Elijah Harrison Austin,	Dover, N. H.,	12 Arnold St.
George Henry Babbitt, Jr.,	Taunton, Mass.,	21 Planet St.
William Mason Bailey, Jr.,	North Providence,	30 U. H.
Sydney Elmor Benton,	Windsor, Vt.,	Angell Court.
John Tower Blake,	Providence,	334 Broad St.
Isaac Watts Brooks,	Goshen, Conn.,	52 U. H.
Thomas Frederic Brown,	Providence,	26 Aborn St.
William Ide Brown,	Fisherville, N. H.,	Angell Court.
Henry Clay Carr,	Jamestown,	17 H. C.
Richard Otis Cheney,	Manchester, Conn.,	25 Waterman St.
Henry Francis Colby,	Newton Centre, Mass.,	22 H. C.
Josiah Nelson Cushing,	N. Attleboro', Mass.,	49 U. H.
Francis Adolphus Daniels,	Providence,	61 Sabin St.
Frank Winthrop Draper,	Wayland, Mass.,	42 Benevolent St.
Josiah Ripley Goddard,	Providence,	14 H. C.
Darius Lee Goff,	Pawtucket, Mass.,	4 H. C.
Lyman Bullock Goff,	Pawtucket, Mass.,	4 H. C.
James Brown Mason Grosvenor,	North Providence,	17 U. H.
George Washington Holt, Jr.,	Slatersville,	7 Pratt St.
George Olney Hopkins,	North Foster,	33 H. C.
Emmons Johnson,	Otto, N. Y.,	41 U. H.
John Straughan Larwill,	Worcester, Ohio,	65 Waterman St.

NAMES.	RESIDENCE.	ROOMS.
John Erastus Lester,	Providence,	65 Cranston St.
Theodore Gerry Lincoln,	Taunton, Mass.,	28½ South Main St.
Edward Benjamin Maltby,	Taunton, Mass.,	29 Benevolent St.
William Daniel Martin,	Providence,	163 Friendship St.
Charles Felix Mason,	Providence,	230 Benefit St.
George Edward Mason,	Providence,	13 Angell St.
Frank Jewett Mather,	Deep River, Conn.,	19 H. C.
James Knowles Medbery,	Portsmouth, N. H.,	2 H. C.
Matthew McArthur Meggett,	Slatersville,	14 H. C.
Joshua Mellen,	Wayland, Mass.,	29 Benevolent St.
Andrew Troop Miller,	Baltimore, Md.,	51 U. H.
Charles Elliott Mitchell,	Bristol, Conn.,	1 H. C.
George Moore Newton,	Worcester, Mass.,	62 George St.
Lucien Hanks Niles,	Cincinnati, Ohio,	94 Benevolent St.
Russell Asa Olin,	Canton, N. Y.,	65 Waterman St.
Addison Parker, Jr.,	Agawam, Mass,	23 H. C.
William Henry Pierce,	Somerset, Mass.,	118 Benefit St.
James Henry Remington,	Warwick,	25 Waterman St.
Christopher Rhodes,	Providence,	226 Benefit St.
Isaac Harrison Saunders,	North Scituate,	147 South Main St.
Edward Henry Sears,	Providence,	47 College St.
Frederic Sherman,	Pawtucket, Mass.,	4 H. C.
David Stuart Hepburn Smith,	Franklin, La.,	10 Hopkins St.
Thomas Blanchard Stockwell,	Chickopee, Mass.,	65 Waterman St.
Lucien Bonaparte Stone,	Pawtucket,	176 Benefit St.
Charles Smith Thompson,	Goshen, N. Y.,	29 H. C.
John Deshon Thurston,	Hopkinton,	116 South Main St.
James Henry Wheeler,	Dover, N. H.,	27 Governor St.
Edward Newton Whittier,	Gorham, Me.,	21 Planet St.
James Clark Williams,	New York, N. Y.,	18 Fountain St.
George Thompson Woodward,	Taunton, Mass.,	21 Planet St.

ABBREVIATIONS.

U. H.....University Hall.
H. C.....Hope College.
*.....for Deceased.

SUMMARY.

Seniors	30
Juniors	39
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Freshmen	57
Students attending Special Courses	3
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TIME AND CONDITIONS OF ADMISSION.

STUDENTS of the University may be either candidates or not candidates for a degree. All, however, are subject to the same laws, equally entitled to any certificate of standing which they may have deserved and liable to the same punishments for transgression of the laws.

Students duly qualified are allowed to pursue their studies for a longer or shorter time, as their age, ability, or pecuniary circumstances may render convenient to themselves; the Faculty, however, having the right to direct the studies of each in such manner as to prevent idleness on the one hand, or superficial haste on the other.

Opportunity is also offered to any other person of good character, who may wish it, to enjoy all the advantages of any single study or separate course, under such regulations as the Executive Board may prescribe.

Examinations for admission to the Freshman class take place on the last Friday of the second term, (July 8th, 1859,) and on the Thursday of Commencement week, (Sept. 8th.) The candidates assemble in No. 12 University Hall at 8 o'clock, A. M.

The regular examination for admission to the other classes of the University, is held on Saturday of Commencement week, (September 10th, 1859.)

There will also be an examination for admission to advanced standing in the several classes, on the first Saturday of the second term, (February 12th, 1859,) commencing at 9 o'clock, A. M.

Candidates for admission to the course prescribed for the degree of Bachelor of Arts,* are examined in

Arithmetic, and Algebra as far as Quadratic Equations,

Ancient and Modern Geography,

English Grammar, and the use of the English language,

Greek Grammar, the Greek Reader, or an equivalent portion of some classical Greek Author, and in writing Greek,

Latin Grammar, Cæsar's Commentaries, the Æneid of Virgil, Six Orations of Cicero, Latin Prosody, and in writing Latin.

There are two parallel courses of instruction for the degree of Bachelor of Philosophy; the one including classical studies, and the other omitting them, and substituting a larger amount of scientific studies. For admission to the former of these courses, students are examined as for the degree of Bachelor of Arts, except that the candidate need be examined only in that ancient language which he intends to pursue, if he elect to pursue only one. To be admitted to the latter course, students are examined in Arithmetic, and Algebra as far as quadratic equations, and in English Grammar.

Students who wish to pursue a select course, without entering as candidates for a degree, must be examined in the several branches of a good English education.

No student can be admitted as a candidate for matriculation, unless he bring suitable testimonials of good moral character; and if he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in, the institution which he has left.

The earliest age, at which in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

* By an act of the Corporation, passed September, 1857, the degree of Master of Arts is, in the case of all students entering after the academical year 1857-58, to be conferred only in course upon those who shall have received the degree of Bachelor of Arts; and the degree of Bachelor of Arts and the degree of Bachelor of Philosophy are hereafter to be conferred in accordance with the conditions specified in the above section, and in the following one.

DEGREES, AND THE COURSES OF INSTRUCTION.

The regular Degrees, conferred in this University, are the Degree of Bachelor of Arts and of Bachelor of Philosophy.

The course of studies for the degree of Bachelor of Arts, extends through a period of four years. In order to obtain this degree, the student must have certificates of proficiency in the following courses of instruction:—

Each of the Ancient Languages for one year and a half,
Mathematics for one year and a half,
One Modern Language for one year,
Natural Philosophy for one year,
Rhetoric and English Literature for one year,
Chemistry and Physiology for one year,
History for one year,
Intellectual and Moral Philosophy for one year,

And three others of one term each, which must be selected from the following studies: a second modern language, or any two of the following, viz. Geology, Political Economy, Advanced Latin, Advanced Greek.

For the degree of Bachelor of Philosophy there are two parallel courses of study, each extending through a period of three years.

The first of these courses embrace the following studies:

An Ancient Language, pursued for two years,
(or) The two Ancient Languages, each for one year,
A Modern Language, for one year,
Mathematics, for one year,
Rhetoric, for one year,
History, for one year,
Intellectual and Moral Philosophy, for one year,

And four others, for one term each, to be selected from Chemistry, Physiology, Natural Philosophy, Political Economy and Geology, or from advanced studies in any of the other departments.

The second of these parallel courses embraces the following studies:
Mathematics, for one year,
A Modern Language, for one year,
Rhetoric, for one year,
Chemistry and Physiology, for one year,
Natural Philosophy, for one year,
History, for one year,
Intellectual and Moral Philosophy, for one year,
And four others, for one term each, to be selected from Political Economy and Geology, a second Modern Language, or from advanced courses in any of the other departments.

A student who attends, for two years, the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall, in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

The courses of instruction for the different degrees are pursued as follows:

I. FOR THE DEGREE OF BACHELOR OF ARTS.

FIRST YEAR.

FIRST TERM.

1. *Greek.* Felton's Greek Historians.—Arnold's Greek Prose Composition.—Smith's History of Greece.
2. *Latin.* Cicero de Senectute and De Amicitia.—Livy (Lincoln's Selections) commenced.—Arnold's Latin Prose Composition.—Schmitz's History of Rome.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Greek.* Homer's Iliad.—Arnold's Greek Prose Composition completed.
2. *Latin.* Livy completed.—Arnold's Latin Prose Composition completed.
3. *Mathematics.* Davies's Bourdon's Algebra, beginning at Chapter 5th.

SECOND YEAR.

FIRST TERM.

1. *Greek,* Demosthenes.—Exercises in Greek Composition.—Lec-
   and tures.
   Latin. Horace (Lincoln's edition).—Exercises in Latin Composition.—Lectures.
2. *Mathematics.* Plane and Spherical Trigonometry, Loomis, or Davies's Legendre.
3. *French,* Fasquelle's French Course.—Oral and Written Exercises.—Voltaire's Siècle de Lonis XIV.—Angell's Cham-
   or bers' Hand Book of French Literature.
   German. Woodbury, with oral and written exercises.—Follen's German Reader.

SECOND TERM.

1. *Greek,* Demosthenes.—Exercises in Greek Composition.—Lec-
   and tures.
   Latin. Horace. Exercises in Latin Composition.—Lectures.
2. *French,* Fasquelle continued, with Exercises.—Collot's Dramatic Reader.—Angell's Chambers' Hand Book of French
   or Literature.
   German. Woodbury continued, with exercises.—Schiller's Jungfrau von Orleans.—Goethe's Iphigenia.
3. *Mathematics,* Analytical Geometry.
   *or Physiology.** Lectures.

* Physiology is a study required for this degree, but it may be pursued either this term, or the second term of the third year, at the option of the student, in the manner designated in the course.

THIRD YEAR.

FIRST TERM.

1. *Natural Philosophy.* Smith's Mechanics, and Lectures.
2. *Rhetoric.* Campbell, and Lectures.—History of English Literature by Lectures.—Essays and Declamations.
3. *Chemistry.* Lectures.

SECOND TERM.

1. *Natural Philosophy.* Norton's Astronomy, and Lectures.
2. *Rhetoric.* Whately's Logic and Lectures. Whately's Rhetoric, History of English Literature by Lectures.—Essays and Declamations.
3. *Physiology.* Lectures.

   Or any two of the following elective* studies, viz.:

   (1.) *Geology.* Lectures.
   (2.) *Political Economy.* Wayland, and Lectures.
   (3.) *Latin.* Cicero or Tacitus.—Latin Compositions.—Lectures.
   (4.) *Greek.* Sophocles or Euripides.—Greek Compositions.—Lectures.

FOURTH YEAR.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *Modern History.* Guizot, Hallam, and Lectures.
3. Either of the following elective studies, viz.:

   (1.) *Latin,* Tacitus.—Lectures.
   and Greek. Plato.—Lectures.
   (2.) A Modern Language.

*The selections of elective studies, in the second term of the third, and of the fourth year, are subject to limitation by the times of recitation.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *English and American History and Constitutional Law.* Hallam, Sheppard's Constitutional Text Book, and Lectures.
3. A Modern Language, continued,

   Or any two of the following elective studies, viz.:

   (1.) *Geology.*
   (2.) *Political Economy.*
   (3.) *Latin.* The Rhetorical Works of Cicero.—Lectures.
   (4.) *Greek.* Sophocles, or Euripides.—Lectures.

II. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

I.
FIRST YEAR.

FIRST TERM.

1. *Latin* or *Greek.* Text books as in the first year of the preceding Course.
2. *French* or *German.* Text books as in the second year of the preceding Course.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Latin* or *Greek,* continued.
2. *French* or *German,* continued.
3. *Mathematics.* Davies's Bourdon's Algebra.

SECOND YEAR.

FIRST TERM.

1. *Latin* or *Greek.* Text books as in the second year of the preceding Course.
2. *Rhetoric.* Text books as in the third year of the preceding Course.
3. Either of the following elective studies, viz.:

   (1.) *Mathematics.* Plane and Spherical Trigonometry.
   (2.) *Natural Philosophy.*

SECOND TERM.

1. *Latin* or *Greek*, continued.
2. *Rhetoric*, continued.
3. Either of the following elective studies, viz.:
   (1.) *Natural Philosophy.*
   (2.) *Physiology.* Lectures.

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *History.*
3. Either of the following elective studies, viz.:
   (2.) A Modern Language, French or German.
   (2.) *Chemistry.* Lectures.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Geology*, and *Political Economy.*

II.

FIRST YEAR.

FIRST TERM.

1. *Mathematics.* Davies's Legendre's Geometry.
2. *Chemistry.* Lectures.
2. *French*, Text books same as above mentioned.
   or *German.* Text books same as above mentioned.

SECOND TERM.

1. *Mathematics.* Davies's Bourdon's Algebra.
2. *Physiology.* Lectures.
3. *French*, continued.
   or *German*, continued.

SECOND YEAR.

FIRST TERM.

1. *Natural Philosophy*, (pursued as in the above Courses.)
2. *Rhetoric*, (pursued as in the above Courses.)
3. One of the following elective studies, viz.:
   (1.) *Mathematics.*
   (2.) *Civil Engineering.*
   (3.) *Chemistry applied to the Arts.*

SECOND TERM.

1. *Natural Philosophy*, continued.
2. *Rhetoric*, continued.
3. One of the following elective studies, viz,:
   (1.) *Civil Engineering*, continued.
   (2.) *Chemistry applied to the Arts*, continued.
   (3.) *Geology*, and *Political Economy.*

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language.
   (2.) *Civil Engineering*, continued.
   (3.) *Chemistry applied to the Arts*, continued.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Civil Engineering*, completed.
   (3.) *Chemistry apptied to the Arts.*

DEPARTMENTS OF PRACTICAL SCIENCE.

Departments of Practical Science have been established in the University, designed for the benefit of those who do not intend to enter the learned professions, but wish to prepare themselves for the pursuits of active life, and especially for those practical arts, in which success depends essentially on an acquaintance with chemistry or with mathematics. By the statutes of the University, the studies of these departments may be pursued as elective studies by such candidates for the degree of Bachelor of Philosophy as pursue the second of the above mentioned courses of instruction for that degree; and also, in special cases, on permission being granted by the Executive Board, by candidates for the degree of Bachelor of Arts. These departments are the following:

I. CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes, and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week excepting Saturday, from 9 A. M. until 5 P. M. On Saturday, during the forenoon only.

II. CIVIL ENGINEERING.

The full course of Civil Engineering occupies a year and a half. It embraces the following studies and exercises :

Descriptive Geometry—Shade and Shadows—Linear perspective—Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-work, and the measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine ; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture ; Engineering Proper, comprising all that immediately relates to the art of Construction in all its branches, and to the nature and preparation of the materials used.

Drawing.—Geometrical and Perspective—Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying with Compass, Theodolite, &c.; Leveling ; Locating a Road ; Surveys for estimates of Excavation and Embankment ; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz. :—Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections ; which make up the course of Mathematics taught in the University.

Without this amount of preparation, persons may be admitted to any portion of the above mentioned course which they are able to pursue to advantage.

The terms of instruction in these Departments of Practical Science, are given in a paragraph on page 34, under the head of Expenses.

LIBRARIES.

The University Library is in Manning Hall, and contains, at present, twenty-eight thousand volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of students and gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M. till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise, together, six thousand volumes, accessible to all the students of the University.

UNIVERSITY PREMIUMS.

These premiums, which for several years have been offered to undergraduates for excellence in different departments of study, have been derived from a bequest of the late Honorable Nicholas Brown. The Corporation have, however, determined to apply the fund, arising from this bequest, to the foundation of Scholarships, the income of which shall be given, under the direction of the Executive Board, to meritorious students who may need pecuniary assistance.

The premiums for the academical year 1857–8, were awarded as follows:

1. Modern Languages.
   The Second Premium to William Grosvenor, Jr.
2. Mathematics.
   First Year—The First Premium to Isaac B. Barker.
   Second Year.—The Second Premium to Horace S. Bradford.
   Third Year.—The First Premium to William W. Keen, Jr.
   The Second Premium to Walter M. Potter.
3. Latin.
   First Year.—The First Premium to Isaac B. Barker.
   The Second Premium to George M. Daniels.
4. Greek.
   First Year.—The First Premium to Isaac B. Barker.
   The Second Premium to Samuel J. Hastings.
   Second Year.—The First Premium to P. S. Jastram.
   Also, a First Premium to Horace S. Bradford.

THE PRESIDENT'S PREMIUMS.

These premiums are derived from the income of a donation, made by the Rev. Dr. Wayland, while President of the University. They are awarded to those members of the Freshman Class, who are found, upon a special examination, to have attained the highest excellence in the classical studies, preparatory to admission to college. They are fixed by the statutes, as follows:

A First Premium of fifteen dollars, and a second of ten dollars, for excellence in the Greek language:

A First premium of fifteen dollars, and a second of ten dollars, for excellence in the Latin language.

The Examination is held on the first Monday of the first collegiate term. The competitors are examined in Latin and in Greek Grammar, in writing Latin and Greek, and in the first six books of the Æneid of Virgil, and in the first three books of Xenophon's Anabasis.

The premiums have this year been awarded as follows:

The First Premium in Greek to William M. Bailey, Jr., instructed by Mr. Merrick Lyon, in the University Grammar School.

The Second Premium in Greek to Joshua M. Addeman, instructed by Mr. E. H. Magill, in the Providence High School.

The Second Premium in Latin to Henry F. Colby, instructed by Mr. J. Hunt, in the Crystal Lake Seminary, Newton Centre.

Also, a Second Premium in Latin to David S. H. Smith, instructed by Mr. Merrick Lyon, in the University Grammar School.

TERM EXAMINATIONS.

Examinations of all the classes are held at the close of each term. These examinations are both oral and in writing. When in writing, the questions are prepared by the committees of examination and presented to each student, at the time of the examination, and he is

required to return his answers within a specified time. From the aggregate value of these answers, his standing by examination is determined.

The following committees of examination in the several departments, have been appointed by the Executive Board:

1. Greek Language.

Rev. Silas A. Crane, D. D., James Tillinghast, Esq.,
Merrick Lyon, Esq., Rev. R. F. Buel.

2. Latin Language.

Hon. Charles Thurber, E. H. Magill, Esq.,
Rev. Lucius W. Bancroft, Hon. John Kingsbury, LL. D.

3. Modern Languages.

Rev. J. Lewis Diman, William Binney, Esq.,
William Goddard, Esq., Thomas K. King, Esq.

4. Rhetoric and English Literature.

Rev. Leonard Swain, D. D., Rev. A. H. Clapp,
Hon. W. S. Patten, Rev. S. L. Caldwell, D. D.

5. Physical Science.

Owen Mason, Esq., J. W. C. Ely, M. D.,
C. W. Parsons, M. D., G. L. Collins, M. D.

6. History and Political Economy.

Hon. C. S. Bradley, Hon. S. G. Arnold,
Abraham Payne, Esq., Rev. Henry Waterman, D. D.

7. Intellectual and Moral Philosophy.

Rev. J. Leavitt, D. D., S. B. Tobey, M. D.,
Rt. Rev. Thomas M. Clark, D. D., Rev. E. B. Hall, D. D.,
Rev. Alva Woods, D. D., Rev. S. W. Field.

8. Natural Philosophy and Astronomy.

Moses B. Lockwood, Esq., Rowland Hazard, Esq.,
Caleb Farnum, Esq., Hon. George Howland.

9. Mathematics and Civil Engineering.

Zachariah Allen, LL. D., Rev. Daniel Leach,
S. B. Cushing, Esq., W. A. Crocker, Esq.

10. Chemistry applied to the Arts.

T. P. Shepard, M. D., Thomas P. Ives, Esq.,
E. M. Snow, M. D., Marshall Woods, M. D.

EXERCISES IN ELOCUTION AND COMPOSITION.

The Senior and Junior Classes have regular exercises in Declamation. Each member of these classes is required to deliver an original speech once a month. Members of the Junior and Sophomore Classes pursuing the Study of Rhetoric, are required to present Essays once a fortnight.

DIRECTIONS FOR STUDENTS.

1. The terms of the University always commence on Friday. This and the following days are occupied in making the necessary preliminary arrangements. Every student is expected, within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he is to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to enter his name for his studies immediately upon the commencement of the term, and to present himself at the first exercise; any failure to do so will be reported with demerits.

4. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

5. In case of absence, the student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

6. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

7. Once every day, all absences, which have occurred during the previous twenty-four hours, are reported to the Register.

8. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency without excuse, in any literary exercise.

9. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student of the fact; and when his demerits amount to 100, to dismiss him from the University.

10. After reports are entered on the books of the Register, no alteration can be made on account of negligence in presenting an excuse on the part of the student.

11. The rooms in College, for the use of students, are assigned by the President; and only those persons are allowed to occupy them, whose deportment is in all respects quiet and orderly.

EXPENSES.

Term bills must be paid at the commencement of each term.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5,00.

The College expenses for a year are as follows:

Tuition, $18,00 per term	$36 00
Room-rent, $4,50 per term	9 00
Servants' hire, $3,50 per term	7 00
Use of Library, $1,50 per term	3 00
Register's salary, $2,00 per term	4 00
Repairs, from $1,75 to $3,00 per term	4 00
Public Fuel, from $1,75 to $2,00 per term	4 00
	$67 00

If a student occupy a room alone, his rent and servants' hire are doubled.

Board is not furnished in College. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:

Board at from $2,25 to $3,00 per week. Board and lodging, with furnished rooms, in some cases washing or fuel included, from $3,50 to $4,50 per week.

There are two Boarding Clubs, which are aided to some extent by the Corporation. The price of board in these clubs the last year, was somewhat less than $2,00 per week.

The above estimate for tuition does not include the fees for instruction in Chemistry applied to the Arts and in Civil Engineering. For the full course in each of these departments, the fee is $30,00 per term. But students who pursue the studies of either of these departments in connection with those of the other departments of the College, or persons, not pursuing other studies in College, who devote only a portion of their time to either of these departments, pay a fee in proportion to the time occupied.

All the apparatus, required in the Chemical Laboratory, will be furnished the student and charged in his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alcohol, Gas, and all other materials required, use of apparatus, fuel, and other current expenses, per term..... $55 00

This charge is intended merely to cover the average cost. If the cost falls below the charge specified, the deduction will be made accordingly.

CALENDAR FOR 1858-59.

1858.

First Term begins Friday.....September 3.
First Exhibition, Saturday preceding Thanksgiving.
First Recess, the week of the annual Thanksgiving.

1859.

First Term ends Thursday.....January 20.

WINTER VACATION, THREE WEEKS.

Second Term begins Friday.....February 11.
Second Exhibition, Saturday.....April 30.
Second Recess, the week succeeding Exhibition.
Second Term ends Thursday.....July 7.

SUMMER VACATION, EIGHT WEEKS.

Commencement, Wednesday.....September 7.
First Term begins Friday.....September 9.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1859-60.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1859-60.

PROVIDENCE:
KNOWLES, ANTHONY & CO., PRINTERS.
1859.

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ASSISTANT LIBRARIAN.

LEMUEL H. ELLIOTT, Esq.,

REGISTER.

RESIDENT GRADUATES.

NAMES.	RESIDENCE	ROOMS.
Theodore Andrews, B. P.,	Providence,	33 Washington St.
Lucius Stillman Bolles, A. M.,	Providence,	49 William St.
Arnold Green, A. M.,	Providence,	14 John St.
Silas Pinckney Holbrook, A. M.,	Wrentham, Mass.,	20 H. C.
Adoniram Brown Judson, A. M.,	Providence,	41 H. C.
William Williams Keen, A. M.,	Philadelphia, Pa.,	2 Angell Court.
Jeremiah Whipple, A. B.,	Cumberland,	5 George St.

SENIOR CLASS.

NAMES.	RESIDENCE.	ROOMS.
Granville Sharp Abbott,	North Reading, Mass.,	9 H. C.
Ethan Allen,	New York, N. Y.,	17 U. H.
Martin Bennett, Jr.,	Bristol,	48 U. H.
Thomas Williams Bicknell,	Barrington,	19 U. H.
Henry Billing,	Worcester, Mass.,	12 H. C.
Horace Standish Bradford,	Providence,	158 Pine St.
David Potter Corbin,	Union, Conn.,	23 H. C.
Samuel White Duncan,	Haverhill, Mass.,	42 H. C.
Franklin Bert Gamwell,	Providence,	58 U. H.
Adoniram Judson Gordon,	New Hampton, N. H.,	44 U. H.
William Grosvenor, Jr.,	North Providence,	17 U. H.
George Watson Hall,	Providence,	28 Angell St.
Charles Herbert,	Rowley, Mass.,	63 Bowen St.
Wayland Hoyt,	Cleveland, Ohio,	57 U. H.

NAMES.	RESIDENCE.	ROOMS.
Harris Smith Inman,	Coventry,	35 H. C.
Pardon Sheldon Jastram,	Providence,	18 Transit St.
William Michael Ledwith,	Jacksonville, Fla.,	200 Benefit St.
Horace George Miller,	Pawtucket,	58 Main St.
Frederick Augustus Mitchel,	Cincinnati, Ohio,	50 U. H.
James DeWolf Perry,	Bristol,	21 H. C.
Francis Metcalf Pond,	West Medway, Mass.,	Atwell's Avenue.
Henry Kirke Porter,	Pittsburgh, Pa.,	42 U. H.
Howard Malcom Rice,	Millbury, Mass.,	25 H. C.
Thomas Slade,	Fall River, Mass.,	26 H. C.
William Sprague Smith,	Providence,	104 Hope St.
John Whipple, Jr.,	Providence,	39 College St.
James Andrew Williamson,	Wilkinsonville, Mass.,	34 High St.

JUNIOR CLASS.

NAMES.	RESIDENCE.	ROOMS.
William Henry Ames,	New London, Conn.,	18 Fountain St.
Isaac Bowen Barker,	South Hanson, Mass.,	38 U. H.
Orville Anson Barker,	Taunton, Mass.,	11 H. C.
John Hunt Brown,	Seekonk, Mass.,	18 H. C.
John Knight Bucklyn,	Glocester,	38 H. C.
William Townsend Bullock,	Providence,	Mr. Bullock's.
Henry Sweetser Burrage,	Roxbury, Mass.,	38 U. H.
Christopher Columbus Burrows,	Geneva, Ohio,	20 U. H.
Charles David Cady,	Providence,	80 Power St.
Frank Herbert Carpenter,	N. Attleboro', Mass.,	34 U. H.
Charles Henry Chapman,	Providence,	90 Angell St.
Joseph Gilbert Chapman,	Oxford, N. Y.,	8 H. C.
Stephen Aldrich Cooke, Jr.,	Providence,	66 Washington St.
Clingman Craig,	Windsor, N. C.,	23 U. H.
George Charles Crutcher,	Vicksburg, Miss.,	18 Fountain St.
George Metcalf Daniels,	Providence,	204 North Main St.
James Andrews DeWolf,	Providence,	206 Westminster St.
William Wilberforce Douglas,	Providence,	2 Olive St.
Albert Newell Drown,	Warren,	37 U. H.
George James Dunbar,	Taunton, Mass.,	45 U. H.
Amasa Mason Eaton,	North Providence,	22 U. H.
Thomas Henry Edsall,	Goshen, N. Y.,	29 H. C.
John Joshua Ely,	Freehold, N. J.,	26 H. C.
Charles Henry Hidden,	Providence,	45 Richmond St.
George Abel Holbrook,	Smithfield,	30 H. C.

NAMES.	RESIDENCE.	ROOMS.
Daniel Jefferson Holbrook,	N. Wrentham, Mass.,	20 H. C.
William Warner Hoppin, Jr.,	Providence,	32 Snow St.
Charles Edward Hosmer,	Bedford Mass.,	56 U. H.
Leland Deloss Jenckes,	Woonsocket,	43 Richmond St.
Robert Gray Johnson,	Lynn, Mass.,	31 H. C.
George Washington Ketcham,	Dover Plains, N. Y.,	13 H. C.
Charles Henry Lincoln,	Roxbury, Mass.,	25 Waterman St.
Henry Morton Lovering,	Taunton, Mass.,	27 Governor St.
Charles Matteson,	Coventry,	20 U. H.
David Henry Montgomery,	Syracuse, N. Y.,	32 H. C.
Elisha Capron Mowry,	Buffalo, N. Y.,	112 Smith St.
Benjamin Francis Pabodie,	Providence,	45 U. H.
Oliver Ormsbee Phillips,	Pittsburgh, Pa.,	3 H. C.
William Henry Randall,	Mystic River, Conn.,	43 H. C.
John Williams Rogers,	Mansfield, Mass.,	16 H. C.
Frederic Mosely Sackett,	Providence,	84 Pine St.
Sumner Upham Shearman,	Providence,	63 Smith St.
Henry Keith Southwick,	Providence,	15 George St.
Henry Joshua Spooner,	Dighton, Mass.,	37 H. C.
Charles Mason Stead,	Providence,	163 Broadway.
Edward Oliver Stevens,	Newton Centre, Mass.,	25 H. C.
Alfred Delavan Thomas,	Delavan, Wis.,	24 U. H.
Washington Benson Trull,	Boston, Mass.,	28 H. C.
Francis Marion Vaughan,	Middleboro', Mass.,	16 H. C.
Samuel Woodbury, Jr.,	Newburyport, Mass.,	35 H. C.
Samuel Vischer Woodruff,	Hartford, Conn.,	8 Angell St.

SOPHOMORE CLASS.

NAMES.	RESIDENCE.	ROOMS.
Henry Sylvanus Adams,	Chicopee, Mass.,	36 U. H.
Joshua Melancthon Addeman,	Providence,	15 Barclay St.
Edwin Aldrich,	Woonsocket,	43 Richmond St.
Thomas Lemuel Angell,	Smithfield,	36 North Main St.
William Henry Appleton,	Providence,	85 Transit St.
Elijah Harrison Austin,	Dover, N. H.,	12 Arnold St.
George Henry Babbitt, Jr.,	Taunton, Mass.,	21 Planet St.
William Mason Bailey, Jr.,	N. Providence,	30 U. H.
Sydney Elmor Benton,	Windsor, Vt.,	15 H. C.
John Tower Blake,	Providence,	334 Broad St.
Isaac Watts Brooks,	Goshen, Conn.,	52 U. H.
Thomas Frederic Brown,	Providence,	26 Aborn St.
William Ide Brown,	Fisherville, N. H.,	32 H. C.
Henry Clay Carr,	Jamestown,	2 H. C.
Henry Francis Colby,	Newton Centre, Mass.,	22 H. C.
Josiah Nelson Cushing,	N. Attleboro', Mass.,	49 U. H.
Francis Adolphus Daniels,	Providence,	61 Sabin St.
Frank Winthrop Draper,	Wayland, Mass.,	2 Angell Court.
Josiah Ripley Goddard,	Providence,	14 H. C.
Darius Lee Goff,	Pawtucket, Mass.,	24 H. C.
Lyman Bullock Goff,	Pawtucket, Mass.,	24 H. C.
James Brown Mason Grosvenor,	N. Providence,	17 U. H.
George Washington Holt, Jr.,	Slatersville,	48 U. H.
George Olney Hopkins,	North Foster,	2 H. C.
Emmons Johnson,	Otto, N. Y.,	
John Straughan Larwill,	Worcester, Ohio,	37 H. C.
John Erastus Lester,	Providence,	65 Cranston St.

NAMES.	RESIDENCE.	ROOMS.
Theodore Gerry Lincoln,	Taunton, Mass.,	28½ South Main St.
Edward Benjamin Maltby,	Taunton, Mass.,	29 Benevolent St.
William Daniel Martin,	Camden, Ala.,	163 Friendship St.
Charles Felix Mason,	Providence,	230 Benefit St.
George Edward Mason,	Providence,	13 Angell St.
Frank Jewett Mather,	Deep River, Conn.,	41 U. H.
James Knowles Medbery,	Portsmouth, N. H.,	43 U. H.
Joshua Mellen,	Wayland, Mass.,	29 Benevolent St.
Charles Elliott Mitchell,	Bristol, Conn.,	52 U. H.
George Moore Newton,	Worcester, Mass.,	7 H. C.
Lucien Hanks Niles,	Cincinnati, Ohio,	53 U. H.
Russell Asa Olin,	Canton, N. Y.,	43 U. H.
Addison Parker, Jr.,	Agawam, Mass.,	40 U. H.
Stephen Farnum Peckham,	North Providence,	227 Benefit St.
William Henry Pierce,	Somerset, Mass.,	118 Benefit St.
James Henry Remington,	Warwick,	25 Waterman St.
Christopher Rhodes,	Providence,	226 Benefit St.
Isaac Harrison Saunders,	North Scituate,	147 South Main St.
Edward Henry Sears,	Providence,	47 College St.
Frederic Sherman,	Pawtucket, Mass.,	49 U. H.
David Stuart Hepburn Smith,	Franklin, La.,	27 Governor St.
Thomas Blanchard Stockwell,	Chicopee, Mass.,	36 U. H.
Lucien Bonaparte Stone,	Pawtucket,	44 H. C.
Benjamin Franklin Swazey,	Exeter, N. H.,	3 H. C.
Charles Smith Thompson,	Goshen, N. Y.,	29 H. C.
John Deshon Thurston,	Hopkinton,	33 U. H.
Andrew Patterson Vinson,	Ridgeway, S. C.,	44 H. C.
Edward Newton Whittier,	Gorham, Me.,	9 H. C.
James Clark Williams,	New York, N. Y.,	51 U. H.
George Thompson Woodward,	Taunton, Mass.,	10 H. C.

FRESHMAN CLASS.

NAMES.	RESIDENCE.	ROOMS.
William Ames,	Providence,	76 Power St.
Denham Arnold,	Coventry,	34 H. C.
Charles Emerson Bailey,	N. Providence,	30 U. H.
Daniel Ross Ballou,	Burrillville,	12 Halsey St.
William Warwick Bliss,	Brooklyn, N. Y.,	31 U. H.
Amos Miller Bowen,	Providence,	107 Power St.
Joseph Manton Bradley,	N. Providence,	22 U. H.
Charles Ray Brayton,	Warwick,	68 George St.
Edward Payson Brown,	Rehoboth, Mass.,	19 U. H.
Ansel Oscar Burt,	Taunton, Mass.,	4 H. C.
George Warren Calkins,	Palmer, Mass.,	40 U. H.
David Emery Noyes Carleton,	W. Newbury, Mass.,	1 H. C.
Frank Carter,	Portland, Me.,	25 Waterman St.
Charles Theodore Childs,	Thompson, Conn.,	12 Atwell's Av.
Benjamin Franklin Clarke,	Newport, Me.,	139 Broad St.
Ellmer Lawrence Corthell,	S. Abington, Mass.,	86 Power St.
Charles Chester Cragin,	Providence,	20 Broadway.
Augustus Nelson Cunningham,	Seekonk, Mass.,	146 Benefit St.
Joseph Henry Curtis,	Waltham, Mass.,	17 H. C.
Samuel Richmond Dorrance,	Providence,	145 North Main St.
Gamaliel Lyman Dwight,	Providence,	110 Power St.
Sherburne Blake Eaton,	Lowell, Mass.,	154 South Main St.
Forrest Fayette Emerson,	N. Reading, Mass.,	33 H. C.
Stephen Essex,	Providence,	9 Penn St.
James Henry Foss,	Rowley, Mass.,	14 H. C.

NAMES.	RESIDENCE	ROOMS.
Henry Gordon Gay,	Lebanon, Conn.,	41 U. H.
Monroe Goode,	Raymond, Miss.,	50 Westminster St.
William Albert Greene,	Frostburgh, Md.,	21 Planet St.
James Elliott Hall,	Boston, Mass.,	33 H. C.
George Edwin Heywood,	Westminster, Mass.,	12 Atwell's Av.
John Jenckes Holmes,	Woodstock, Conn.,	56 U. H.
George Huntington,	Brooklyn, Conn.,	102 Prospect St.
Hervey Fitz Jacobs,	Thompson, Conn.,	17 H. C.
Rhodolphus Henry Johnson,	Warren,	37 Angell St.
George Seneca Jones,	Falmouth, Mass.,	43 Richmond St.
Herbert Fisher Keith,	Grafton, Mass.,	15 George St.
Jason Billings Kelly,	Barre, Mass.,	1 H. C.
Edward Gifford Kelton,	Charleston, S. C.,	18 James St.
Orray Taft Knight,	Providence,	90 High St.
Charles Frederic Ladd,	Providence,	8 Summer St.
Oscar Lapham,	Burrillville,	64 Smith St.
Henry Simmons Latham, Jr.,	Providence,	69 Fountain St.
Edward Chalmers Leavitt,	Providence,	165 Friendship St.
George Allen Litchfield,	Brookfield, Mass.,	86 Power St.
Milton Livesey,	Providence,	140 Richmond St.
Roger Williams Love,	Brooklyn, N. Y.,	31 U. H.
Robert Forrest Maclaren,	Fall River, Mass.,	65 Waterman St.
George Herman Miner,	N. Stonington, Conn.,	Jenckes St.
Shadrach Cate Morrill,	Concord, N. H.,	39 Charles Field St.
Oscar Brownell Mowry,	Woonsocket,	68 George St.
Alexander Peckham,	Newport,	13 Angell St.
Duncan Archibald Pell,	Newport,	27 Governor St.
George Washington Potter,	Providence,	42 Federal St.
Enoch Pratt, Jr.,	Lawrence, Mass.,	19 H. C.
Edwin Sanborn Reed,	Uxbridge, Mass.,	
James Reynolds,	Wickford,	68 George St.
Charles Pitts Robinson,	Woonsocket,	68 George St.
John Augustus Rogers,	Newburgh, N. Y.	21 Planet St.
Levi Eddy Salisbury,	Burrillville,	12 Halsey St.
Nathaniel Thomas Sanders,	Warren,	19 H. C.
Orville Barton Seagraves,	Uxbridge, Mass.	31 H. C.

NAMES.	RESIDENCE.	ROOMS.
Frederic Baker Sears,	Lawrence, Mass.,	4 H. C.
Orsmus Augustus Taft,	Uxbridge, Mass.,	100 Clifford St.
Charles Frederic Taylor,	Providence,	41 Prospect St.
John Tetlow, Jr.,	Providence,	36 C St.
David Franklin Thorpe,	Providence,	60 South St.
Henry Traphagen,	Jersey City, N. J.,	23 President St.
Richard Waterman,	Providence,	140 Benefit St.
Albert Cicero White,	Foxboro', Mass.,	34 H. C.
Henry Bridgham Whitman,	Providence,	55 Mathewson St.

ABBREVIATIONS.

U. H. ..... University Hall.
H. C. ..... Hope College.

SUMMARY.

Resident Graduates	7
Seniors	27
Juniors	51
Sophomores	57
Freshmen	70
	212

TIME AND CONDITIONS OF ADMISSION.

STUDENTS of the University may be either candidates or not candidates for a degree. All, however, are subject to the same laws, equally entitled to any certificate of standing which they may have deserved, and liable to the same punishments for transgression of the laws.

Students duly qualified are allowed to pursue their studies for a longer or shorter time, as their age, ability, or pecuniary circumstances may render convenient to themselves; the Faculty, however, having the right to direct the studies of each in such manner as to prevent idleness on the one hand, or superficial haste on the other.

Opportunity is also offered to any other person of good character, who may wish it, to enjoy all the advantages of any single study or separate course, under such regulations as the Executive Board may prescribe.

Examinations for admission to the Freshman class take place on the last Friday of the second term, (July 13th, 1860,) and on the Thursday of Commencement week, (Sept. 6th.) The candidates assemble in No. 12, University Hall, at 8 o'clock, A. M.

The regular examination for admission to the other classes of the University, is held on Saturday of Commencement week, (September 8th, 1860.)

There will also be an examination for admission to advanced standing in the several classes, on the first Saturday of the second term, (February 18th, 1860.) commencing at 9 o'clock, A. M.

Candidates for admission to the course prescribed for the degree of Bachelor of Arts, are examined in

Arithmetic, and Algebra as far as Quadratic Equations,

Ancient and Modern Geography,

English Grammar, and the use of the English language,

Greek Grammar, the Greek Reader, or an equivalent portion of some classical Greek Author, and in writing Greek,

Latin Grammar, Cæsar's Commentaries, the Æneid of Virgil, Six Orations of Cicero, Latin Prosody, and in writing Latin.

There are two parallel courses of instruction for the degree of Bachelor of Philosophy; the one including classical studies, and the other omitting them, and substituting a larger amount of scientific studies. For admission to the former of these courses, students are examined as for the degree of Bachelor of Arts, except that the candidate need be examined only in that ancient language which he intends to pursue, if he elect to pursue only one. To be admitted to the latter course, students are examined in Arithmetic, and Algebra as far as quadratic equations, and in English Grammar.

Students who wish to pursue a select course, without entering as candidates for a degree, must be examined in the several branches of a good English education.

No student can be admitted as a candidate for matriculation, unless he bring suitable testimonials of good moral character; and if he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in, the institution which he has left.

The earliest age, at which in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

DEGREES, AND THE COURSES OF INSTRUCTION.

The regular Degrees, conferred in this University, are the Degree of Bachelor of Arts and of Bachelor of Philosophy.

The course of studies for the degree of Bachelor of Arts, extends through a period of four years. In order to obtain this degree, the student must have certificates of proficiency in the following courses of instruction:—

Each of the Ancient Languages for one year and a half,
Mathematics for one year and a half,
One Modern Language for one year,
Natural Philosophy for one year,
Rhetoric and English Literature for one year,
Chemistry and Physiology for one year,
History for one year,
Intellectual and Moral Philosophy for one year,

And three others of one term each, which must be selected from the following studies: a second modern language, or any two of the following, viz. Geology, Political Economy, Advanced Latin, Advanced Greek.

For the degree of Bachelor of Philosophy there are two parallel courses of study, each extending through a period of three years.

The first of these courses embraces the following studies:

An Ancient Language, pursued for two years,
(or) The two Ancient Languages, each for one year,
A Modern Language, for one year,
Mathematics, for one year,
Rhetoric, for one year,
History, for one year,
Intellectual and Moral Philosophy, for one year,

And four others, for one term each, to be selected from Chemistry, Physiology, Natural Philosophy, Political Economy and Geology, or from advanced studies in any of the other departments.

The second of these parallel courses embraces the following studies:
Mathematics, for one year,
A Modern Language, for one year,
Rhetoric, for one year,
Chemistry and Physiology, for one year,
Natural Philosophy, for one year,
History, for one year,
Intellectual and Moral Philosophy, for one year,
And four others, for one term each, to be selected from Political Economy and Geology, a second Modern Language, or from advanced courses in any of the other departments.

A student who attends, for two years, the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall, in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

The courses of instruction for the different degrees are pursued as follows:

I. FOR THE DEGREE OF BACHELOR OF ARTS.

FIRST YEAR.

FIRST TERM.

1. *Greek.* Felton's Greek Historians.—Arnold's Greek Prose Composition.—Smith's History of Greece.
2. *Latin.* Cicero de Senectute and De Amicitia.—Livy (Lincoln's Selections) commenced.—Arnold's Latin Prose Composition.—Schmitz's History of Rome.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Greek.* Homer's Iliad.—Arnold's Greek Prose Composition completed.
2. *Latin.* Livy completed.—Arnold's Latin Prose Composition completed.
3. *Mathematics.* Davies's Bourdon's Algebra, beginning at Chapter 5th.

SECOND YEAR.

FIRST TERM.

1. *Greek,* Demosthenes.—Exercises in Greek Composition.—Lectures.
   and
   Latin. Horace (Lincoln's edition).—Exercises in Latin Composition.—Lectures.
2. *Mathematics.* Plane and Spherical Trigonometry, Loomis, or Davies's Legendre.
3. *French,* Fasquelle's French Course.—Oral and Written Exercises.—Voltaire's Siécle de Louis XIV.—Angell's Chambers' Hand Book of French Literature.
   or
   German. Woodbury, with oral and written exercises.—Roelker's German Reader.

SECOND TERM.

1. *Greek,* Demosthenes.—Exercises in Greek Composition.—Lectures.
   and
   Latin. Horace. Exercises in Latin Composition.—Lectures.
2. *French,* Fasquelle continued, with Exercises.—Collot's Dramatic Reader.—Angell's Chambers' Hand Book of French Literature.
   or
   German. Woodbury continued, with exercises.—Schiller's Jungfrau von Orleans.—Goethe's Iphigenia.
3. *Mathematics,* Analytical Geometry.
   *or Physiology.** Lectures.

*Physiology is a study required for this degree, but it may be pursued either this term, or the second term of the third year, at the option of the student, in the manner designated in the course.

THIRD YEAR.

FIRST TERM.

1. *Natural Philosophy.* Smith's Mechanics, and Lectures.
2. *Rhetoric.* Campbell, and Lectures.—History of English Literature by Lectures.—Essays and Declamations.
3. *Chemistry.* Lectures.

SECOND TERM.

1. *Natural Philosophy.* Norton's Astronomy, and Lectures.
2. *Rhetoric.* Whately's Logic and Lectures. Whately's Rhetoric, History of English Literature by Lectures.—Essays and Declamations.
3. *Physiology.* Lectures.

   Or any two of the following elective* studies, viz.:

   (1.) *Geology.* Lectures.
   (2.) *Political Economy.* Wayland, and Lectures.
   (3.) *Latin.* Cicero or Tacitus.—Latin Compositions.—Lectures.
   (4.) *Greek.* Sophocles or Euripides.—Greek Compositions.—Lectures.

FOURTH YEAR.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *Modern History.* Guizot, Hallam, and Lectures.
3. Either of the following elective studies, viz.:

   (1.) *Latin,* Tacitus.—Lectures.
   and Greek. Plato.—Lectures.
   (2.) A Modern Language.

*The selections of elective studies, in the second term of the third, and of the fourth year, are subject to limitation by the times of recitation.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *English and American History and Constitutional Law.* Hallam, Sheppard's Constitutional Text Book, and Lectures.
3. A Modern Language, continued,

Or any two of the following elective studies, viz.:

(1.) *Geology.*
(2.) *Political Economy.*
(3.) *Latin.* The Rhetorical Works of Cicero.—Lectures.
(4.) *Greek.* Sophocles, or Euripides,—Lectures.

II. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

I.

FIRST YEAR.

FIRST TERM.

1. *Latin* or *Greek.* Text books as in the first year of the preceding Course.
2. *French* or *German.* Text books as in the second year of the preceding Course.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Latin* or *Greek,* continued.
2. *French* or *German,* continued.
3. *Mathematics.* Davies's Bourdon's Algebra.

SECOND YEAR.

FIRST TERM.

1. *Latin* or *Greek.* Text books as in the second year of the preceding Course.
2. *Rhetoric.* Text books as in the third year of the preceding Course.
3. Either of the following elective studies, viz.:

(1.) *Mathematics.* Plane and Spherical Trigonometry.
(2.) *Natural Philosophy.*

SECOND TERM.

1. *Latin* or *Greek*, continued.
2. *Rhetoric*, continued.
3. Either of the following elective studies, viz.:
   (1.) *Natural Philosophy.*
   (2.) *Physiology.* Lectures.

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, French or German.
   (2.) *Chemistry.* Lectures.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Geology*, and *Political Economy.*

II.

FIRST YEAR.

FIRST TERM.

1. *Mathematics.* Davies's Legendre's Geometry.
2. *Chemistry.* Lectures.
3. *French,* Text books same as above mentioned.
   or *German.* Text books same as above mentioned.

SECOND TERM.

1. *Mathematics.* Davies's Bourdon's Algebra.
2. *Physiology.* Lectures.
3. *French,* continued.
   or *German,* continued.

SECOND YEAR.

FIRST TERM.

1. *Natural Philosophy*, (pursued as in the above Courses.)
2. *Rhetoric*, (pursued as in the above Courses.)
3. One of the following elective studies, viz.:
   (1.) *Mathematics.*
   (2.) *Civil Engineering.*
   (3.) *Chemistry applied to the Arts.*

SECOND TERM.

1. *Natural Philosophy*, continued.
2. *Rhetoric*, continued.
3. One of the following elective studies, viz.:
   (1.) *Civil Engineering*, continued.
   (2.) *Chemistry applied to the Arts*, continued.
   (3.) *Geology*, and *Political Economy.*

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *History.*
3. One of the following elective studies, viz.:
   (1,) A Modern Language.
   (2.) *Civil Engineering*, continued.
   (3.) *Chemistry applied to the Arts*, continued.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Civil Engineering*, completed.
   (3.) *Chemistry applied to the Arts.*

DEPARTMENTS OF PRACTICAL SCIENCE.

Departments of Practical Science have been established in the University, designed for the benefit of those who do not intend to enter the learned professions, but wish to prepare themselves for the pursuits of active life, and especially for those practical arts, in which success depends essentially on an acquaintance with chemistry or with mathematics. By the statutes of the University, the studies of these departments may be pursued as elective studies by such candidates for the degree of Bachelor of Philosophy as pursue the second of the above mentioned courses of instruction for that degree; and also, in special cases, on permission being granted by the Executive Board, by candidates for the degree of Bachelor of Arts. These departments are the following:

I. CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes, and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week excepting Saturday, from 9 A. M. until 5 P. M. On Saturday, during the forenoon only.

II. CIVIL ENGINEERING.

The full course of Civil Engineering occupies a year and a half. It embraces the following studies and exercises:

Descriptive Geometry—Shade and Shadows—Linear Perspective—Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-work, and the measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction in all its branches, and to the nature and preparation of the materials used.

Drawing.—Geometrical and Perspective—Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying with Compass, Theodolite, &c., Leveling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz.:—Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections; which make up the course of Mathematics taught in the University.

Without this amount of preparation, persons may be admitted to any portion of the above mentioned course which they are able to pursue to advantage.

The terms of instruction in these departments of Practical Science, are given in a paragraph on page 34, under the head of Expenses.

LIBRARIES.

The University Library is in Manning Hall, and contains, at present, twenty-nine thousand volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of students and gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M. till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise, together, six thousand volumes, accessible to all the students of the University.

ASSISTANCE TO MERITORIOUS STUDENTS.

SCHOLARSHIPS.

A Fund derived from a bequest made to the University by the late Hon. Nicholas Brown, has been applied, by the Corporation, to the founding of eleven Scholarships, called the Nicholas Brown Scholarships. The income of these Scholarships is to be given, under the direction of the Executive Board, to meritorious students, who may need pecuniary assistance.

Other scholarships have been recently established by the contributions of friends of the college, the income of which is already available; and special efforts are now making by which, it is hoped, the number of these foundations will be largely increased.

THE PRESIDENT'S PREMIUMS.

These premiums are derived from the income of a donation, made by the Rev. Dr. Wayland, while President of the University. They are awarded to those members of the Freshman Class, who are found, upon a special examination, to have attained the highest excellence in

the classical studies, preparatory to admission to college. They are fixed by the statutes, as follows:

A First Premium of fifteen dollars, and a second of ten dollars, for excellence in the Greek language:

A First premium of fifteen dollars, and a second of ten dollars, for excellence in the Latin language.

The examination is held on the first Monday of the first collegiate term. The competitors are examined in Latin and in Greek Grammar, in writing Latin and Greek, and in the first six books of the Æneid of Virgil, and in the first three books of Xenophon's Anabasis.

The premiums have this year been awarded as follows:

The First Premium in Greek to Charles P. Robinson, instructed by Mr. Merrick Lyon, in the University Grammar School.

Two Second Premiums in Greek, one to John Tetlow, Jr., the other to Charles C. Cragin, instructed by Mr. E. H. Magill, in the Providence High School.

The First Premium in Latin to John Tetlow, Jr., instructed by Mr. E. H. Magill, in the Providence High School.

The Second Premium in Latin to Charles P. Robinson, instructed by Mr. Merrick Lyon, in the University Grammar School.

Also, a Second Premium in Latin to Charles C. Cragin, instructed by Mr. E. H. Magill, in the Providence High School.

TERM EXAMINATIONS.

Examinations of all the classes are held at the close of each term. These examinations are both oral and in writing. When in writing, the questions are prepared by the committees of examination and presented to each student, at the time of the examination, and he is

required to return his answers within a specified time. From the aggregate value of these answers, his standing by examination is determined.

The following committees of examination in the several departments, have been appointed by the Executive Board:

1. Greek Language.

Rev. Silas A. Crane, D. D., James Tillinghast, Esq.,
Merrick Lyon Esq., Rev. R. F. Buel.

2. Latin Language.

Hon. Charles Thurber, E. H. Magill, Esq.,
Rev. Lucius W. Bancroft, Hon. John Kingsbury, LL. D.

3. Modern Languages.

Rev. J. Lewis Diman, William Binney, Esq.,
William Goddard, Esq., Thomas K. King, Esq.

4. Rhetoric and English Literature.

Rev. Leonard Swain, D. D., Rev. A. H. Clapp,
Hon. W. S. Patten, Rev. S. L. Caldwell, D. D.

5. Physical Science.

Owen Mason, Esq., J. W. C. Ely, M. D.,
C. W. Parsons, M. D., G. L. Collins, M. D.

6. History and Political Economy.

Hon. C. S. Bradley, Hon. S. G. Arnold,
Abraham Payne, Esq., Rev. Henry Waterman, D. D.

7. Intellectual and Moral Philosophy.

Rev. J. Leavitt, D. D., S. B. Tobey, M. D.,
Rt. Rev. Thomas M. Clark, D. D., Rev. E. B. Hall, D. D.,
Rev. Alva Woods, D. D., Rev. S. W. Field.

8. Natural Philosophy and Astronomy.

Moses B. Lockwood, Esq., Rowland Hazard, Esq.,
Caleb Farnum, Esq., Hon. George Howland.

9. Mathematics and Civil Engineering.

Zachariah Allen, LL. D., Rev. Daniel Leach,
S. B. Cushing, Esq., W. A. Crocker, Esq.

10. Chemistry applied to the Arts.

T. P. Shepard, M. D., Thomas P. Ives, Esq.,
E. M. Snow, M. D., Marshall Woods, M. D.

EXERCISES IN ELOCUTION AND COMPOSITION.

The Senior and Junior Classes have regular exercises in Declamation. Each member of these classes is required to deliver an original speech once a month. Members of the Junior and Sophomore Classes pursuing the Study of Rhetoric, are required to present Essays once a fortnight.

DIRECTIONS FOR STUDENTS.

1. The terms of the University always commence on Friday. This and the following days are occupied in making the necessary preliminary arrangements. Every student is expected, within this time, to settle his bills with the Register, and enter his name with the President, for the studies which he is to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to enter his name, for his studies, immediately upon the commencement of the term, and to present himself at the first exercise; any failure to do so will be reported with demerits.

4. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

5. In case of absence, the student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

6. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

7. Once every day all absences, which have occurred during the previous twenty-four hours, are reported to the Register.

8. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency, without excuse, in any literary exercise.

9. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student of the fact; and when his demerits amount to 100, to dismiss him from the University.

10. After reports are entered on the books of the Register, no alteration can be made on account of negligence in presenting an excuse on the part of the student.

11. The rooms in College, for the use of students, are assigned by the President; and only those persons are allowed to occupy them, whose deportment is in all respects quiet and orderly.

EXPENSES.

Term bills must be paid at the commencement of each term.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5,00.

The College expenses for a year are as follows:

Tuition, $18,00 per term	$36 00
Room-rent, $4,50 per term	9 00
Servants' hire, $1,50 per term to $3,50	7 00
Use of Library, $1,50 per term	3 00
Register's salary, $2,00 per term	4 00
Repairs, from $1,75 to $3,00 per term	4 00
Public Fuel, from $1,75 to $2,00 per term	4 00
	$67 00

If a Student occupy a room alone, his rent and servants' hire are doubled.

Board is not furnished in College. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:

Board at from $2,25 to $3,00 per week. Board and lodging, with furnished rooms, in some cases washing or fuel including, from $3,50 to $4,50 per week.

There are two Boarding Clubs, which are aided to some extent by the Corporation. The price of board in these clubs, the last year, was somewhat less than $2,00 per week.

The above estimate for tuition does not include the fees for instruction in Chemistry applied to the Arts and in Civil Engineering. For the full course in each of these departments, the fee is $30,00 per term. But students who pursue the studies of either of these departments in connection with those of the other departments of the College, or persons, not pursuing others studies in College, who devote only a portion of their time to either of these departments, pay a fee in proportion to the time occupied.

All the apparatus, required in the Chemical Laboratory, will be furnished the student and charged in his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alcohol, Gas, and all other materials required, use of apparatus, fuel and other current expenses, per term..... $55 00

This charge is intended merely to cover the average cost. If the cost falls below the charge specified, the deduction will be made accordingly.

CALENDAR FOR 1859-60.

1859.

First Term begins Friday.....September 9.
First Recess, the week of the annual Thanksgiving.

1860.

First Term ends Thursday.....January 26.

WINTER VACATION, THREE WEEKS.

Second Term begins Friday.....Feburary 17
Junior Exhibition, Saturday.....April 28.
Second Recess, the week succeeding Exhibition.
Second Term ends Thursday.....July 12.

SUMMER VACATION, EIGHT WEEKS.

Commencement, Wednesday.....September 5.
First Term begins Friday.....September 7.

A

CATALOGUE

OF THE

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OF

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1860-61.

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REV. JONAH G. WARREN, D. D.
REV. SAMUEL L. CALDWELL, D. D.
REV. THATCHER THAYER, D. D.

HON. JOHN KINGSBURY, LL. D.,

Secretary of the Corporation.

ROBERT H. IVES, A. M.,

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AND PROFESSOR OF MORAL AND INTELLECTUAL PHILOSOPHY.

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PROFESSOR OF CHEMISTRY AND PHYSIOLOGY.

WILLIAM GAMMELL, LL. D.,

PROFESSOR OF HISTORY AND POLITICAL ECONOMY.

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PROFESSOR OF THE LATIN LANGUAGE AND LITERATURE.

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PROFESSOR OF RHETORIC AND ENGLISH LITERATURE.

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PROFESSOR OF MATHEMATICS AND CIVIL ENGINEERING.

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PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

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PROFESSOR OF CHEMISTRY APPLIED TO THE ARTS.

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INSTRUCTOR IN MATHEMATICS.

ALPHONSE RENAUD,

INSTRUCTOR IN FRENCH.

AUGUST DOERING,

INSTRUCTOR IN GERMAN.

REUBEN A. GUILD, A. M.,

LIBRARIAN.

LEMUEL H. ELLIOTT, Esq.,

REGISTER.

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Lucius Stillman Bolles, A. M.,	Providence,	49 William St.
William Erastus Bowen, A. M.,	Providence,	107 Power St.
Horace George Miller, A. M.,	Pawtucket,	Mrs. Miller's.
Francis Metcalf Pond, A. M.,	Providence,	2 Angell Court.
Howard Malcom Rice, A. M.,	Providence,	35 Mansion House.

SENIOR CLASS.

NAMES.	RESIDENCE.	ROOMS.
Isaac Bowen Barker,	South Hanson, Mass.,	38 U. H.
Orville Anson Barker,	Taunton, Mass.,	11 H. C.
John Knight Bucklyn,	Glocester,	38 H. C.
Henry Sweetser Burrage,	Roxbury, Mass.,	38 U. H.
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John Joshua Ely,	Freehold, N. J.,	26 H. C.
Lonzo Lyon Fittz,	Valley Falls,	24 U. H.
Charles Henry Hidden,	Providence,	45 Richmond St.

NAMES.	RESIDENCE.	ROOMS.
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Leland Deloss Jenckes,	Woonsocket,	43 Richmond St.
Charles Henry Lincoln,	Roxbury, Mass.,	25 Waterman St.
Henry Morton Lovering,	Taunton, Mass.,	34 U. H.
Charles Matteson,	Coventry,	23 U. H.
Elisha Capron Mowry,	Buffalo, N. Y.,	23 H. C.
William Henry Randall,	Mystic River, Conn.,	68 George St.
John Williams Rogers,	Mansfield, Mass.,	16 H. C.
Frederic Mosely Sackett,	Providence,	107 Pine St.
Sumner Upham Shearman,	Providence,	7 Jefferson St.
Henry Keith Southwick,	Providence,	15 George St.
Charles Mason Stead,	Providence,	163 Broadway.
Edward Oliver Stevens,	Newton Centre, Mass.,	25 H. C.
Alfred Delavan Thomas,	Delavan, Wis.,	24 U. H.
Washington Benson Trull,	Boston, Mass.,	25 Waterman St.
John Jefferson Ward,	Clinton, Miss.,	41 H. C.
James Andrew Williamson,	Wilkinsonville, Mass.,	34 High St.
Samuel Vischer Woodruff,	Hartford, Conn.,	8 Angell St.

SELECT COURSE.

William Townsend Bullock,	Providence,	Mr. Bullock's.
Amasa Mason Eaton,	North Providence,	42 U. H.
Charles Edward Hosmer,	Bedford, Mass.,	56 U. H.

JUNIOR CLASS.

NAMES.	RESIDENCE.	ROOMS.
Joshua Melancthon Addeman,	Providence,	15 Barclay St.
Edwin Aldrich,	Woonsocket,	43 Richmond St.
Thomas Lemuel Angell,	Smithfield,	188 Westminster St.
William Mason Bailey, Jr.,	N. Providence,	30 U. H.
Sydney Elmor Benton,	Windsor, Vt.,	43 H. C.
Thomas Frederic Brown,	Providence,	26 Aborn St.
William Ide Brown,	Fisherville, N. H.,	41 U. H.
John Hunt Brown,	Seekonk, Mass.,	18 H. C.
Henry Clay Carr,	Jamestown,	52 U. H.
Henry Francis Colby,	Newton Centre, Mass.,	42 H. C.
George Charles Crutcher,	Vicksburg, Miss.,	18 Fountain St.
Josiah Nelson Cushing,	N. Attleboro', Mass.,	50 U. H.
Francis Adolphus Daniels,	Providence,	36 Olney St.
Frank Winthrop Draper,	Wayland, Mass.,	57 U. H.
Thomas Henry Edsall,	Goshen, N. Y.,	8 Angell St.
Josiah Ripley Goddard,	Providence,	41 U. H.
Darius Lee Goff,	Pawtucket, Mass.,	24 H. C.
Lyman Bullock Goff,	Pawtucket, Mass.,	24 H. C.
James Brown Mason Grosvenor,	N. Providence,	17 U. H.
Daniel Jefferson Holbrook,	N. Wrentham, Mass.,	38 H. C.
John Erastus Lester,	Providence,	65 Cranston St.
Edward Benjamin Maltby,	Taunton, Mass.,	29 Benevolent St.
William Daniel Martin,	Camden, Ala.,	163 Friendship St.
James Knowles Medbery,	Portsmouth, N. H.,	57 U. H.

NAMES.	RESIDENCE.	ROOMS.
Joshua Mellen,	Wayland, Mass.,	33 U. H.
George Moore Newton,	Worcester, Mass.,	7 H. C.
Lucien Hanks Niles,	Cincinnati, Ohio,	42 U. H.
Russell Asa Olin,	Canton, N. Y.,	47 U. H.
Addison Parker, Jr.,	Agawam, Mass.,	58 U. H.
James Henry Remington,	Warwick,	25 Waterman St.
Isaac Harrison Saunders,	North Scituate,	5 H. C.
Edward Henry Sears,	Providence,	47 College St.
Frederic Sherman,	Pawtucket, Mass.,	50 U. H.
David Stuart Hepburn Smith,	Franklin, La.,	27 Governor St.
Thomas Blanchard Stockwell,	Chicopee, Mass.,	36 U. H.
John Deshon Thurston,	Hopkinton,	33 U. H.
Edward Newton Whittier,	Gorham, Me.,	43 U. H.
George Thompson Woodward,	Taunton, Mass.,	10 H. C.

FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

John Tower Blake,	Providence,	334 Broad St.
George Olney Hopkins,	North Foster,	15 H. C.
Charles Felix Mason,	Providence,	230 Benefit St.
Charles Elliott Mitchell,	Bristol, Conn.,	36 U. H.
James Clark Williams,	New York, N. Y.,	51 U. H.

SELECT COURSE.

Stephen Farnum Peckham,	North Providence,	227 Benefit St.
Samuel Woodbury, Jr.,	Newburyport, Mass.,	35 H. C.

SOPHOMORE CLASS.

NAMES.	RESIDENCE.	ROOMS.
Denham Arnold,	Coventry,	48 U. H.
Seth Jones Axtell,	Grafton, Mass.,	49 U. H.
Charles Emerson Bailey,	N. Providence,	30 U. H.
William Warwick Bliss,	Brooklyn, N. Y.,	43 H. C.
Amos Miller Bowen,	Providence,	107 Power St.
Joseph Manton Bradley,	N. Providence,	17 U. H.
Charles Ray Brayton,	Warwick,	22 H. C.
Edward Payson Brown,	Rehoboth, Mass.,	19 U. H.
Ansel Oscar Burt,	Taunton, Mass.,	13 H. C.
George Warren Calkins,	Palmer, Mass.,	58 U. H.
Charles Theodore Childs,	Thompson, Conn.,	55 Arnold St.
Benjamin Franklin Clarke,	Newport, Me.,	29 H. C.
Harrison Cole,	Southbridge, Mass.,	2 H. C.
Ellmer Lawrence Corthell,	S. Abington, Mass.,	44 U. H.
Charles Chester Cragin,	Providence,	20 Broadway.
Augustus Nelson Cunningham,	Seekonk, Mass.,	21 H. C.
Samuel Richmond Dorrance,	Providence,	145 North Main St.
Forrest Fayette Emerson,	N. Reading, Mass.,	9 H. C.
Stephen Essex,	Providence,	9 Penn St.
James Henry Foss,	Rowley, Mass.,	14 H. C.
Henry Gordon Gay,	Lebanon, Conn.,	43 H. C.

NAMES.	RESIDENCE.	ROOMS.
William Albert Greene,	Frostburgh, Md.,	22 H. C.
James Elliott Hall,	Boston, Mass.,	23 H. C.
John Jenckes Holmes,	Woodstock, Conn.,	32 H. C.
George Huntington,	Brooklyn, Conn.,	2 Cypress St.
Hervey Fitz Jacobs,	Thompson, Conn.,	29 H. C.
George Seneca Jones,	Falmouth, Mass.,	43 Richmond St.
Edward Gifford Kelton,	Charleston, S. C.,	44 H. C.
Orray Taft Knight,	Providence,	90 High St.
Charles Frederic Ladd,	Providence,	26 Union St.
Oscar Lapham,	Burrillville,	12 H. C.
Henry Simmons Latham, Jr.,	Providence,	69 Fountain St.
George Allen Litchfield,	Brookfield, Mass.,	44 U. H.
Roger Williams Love,	Providence,	19 Angell St.
Robert Forrest Maclaren,	Fall River, Mass.,	65 Waterman St.
George Herman Miner,	N. Stonington, Conn.,	9 H. C.
Oscar Brownell Mowry,	Woonsocket,	12 H. C.
Lyman Partridge,	West Medway, Mass.,	49 U. H.
Alexander Peckham,	Newport,	13 Angell St.
Duncan Archibald Pell,	Newport,	51 U. H.
Hosea Mason Quinby,	Pittsfield, N. H.,	2 H. C.
Edwin Sanborn Reed,	Uxbridge, Mass.,	88 Union St.
James Reynolds,	Wickford,	106 Power St.
Charles Pitts Robinson,	Woonsocket,	5 H. C.
Levi Eddy Salisbury,	Burrillville,	7 H. C.
Nathaniel Thomas Sanders,	Warren,	37 H. C.
Orville Barton Seagrave,	Uxbridge, Mass.,	31 H. C.
Livingston Scott,	Woonsocket,	3 H. C.
Frederic Baker Sears,	Fall River,	44 H. C.
Orsmus Augustus Taft,	Uxbridge, Mass.,	277 Pine St.
Charles Frederic Taylor,	Providence,	41 Prospect St.
Benjamin Franklin Thomas,	Boston, Mass.,	21 Planet St.
David Franklin Thorpe,	Providence,	60 South St.
Henry Traphagen,	Jersey City, N. J.,	21 H. C.
Albert Cicero White,	Foxboro', Mass.,	48 U. H.
Henry Brigham Whitman,	Providence,	55 Mathewson St.

FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

NAMES.	RESIDENCE.	ROOMS.
William Ames,	Providence,	76 Power St.
Monroe Goode,	Raymond, Miss.,	41 H. C.
Rhodolphus Henry Johnson,	Warren,	37 U. H.
Jason Billings Kelly,	Barre, Mass.,	30 H. C.
Denison Thomas,	Erie, Pa.,	1 H. C.

SELECT COURSE.

David Emery Noyes Carleton,	W. Newbury, Mass.,	32 H. C.
Frank Carter,	Portland, Me.,	22 U. H.
Joseph Henry Curtis,	Waltham, Mass.,	20 U. H.
George Edwin Heywood,	Westminster, Mass.,	23 H. C.
Henry James Johnson,	Providence,	85 Power St.
Herbert Fisher Keith,	Grafton, Mass.,	15 George St.
John Minot Rice,	Northborough, Mass.,	54 U. H.
Benjamin Franklin Swazey,	Exeter, N. H.,	54 U. H.
Richard Waterman,	Providence,	140 Benefit Street.

FRESHMAN CLASS.

NAMES.	RESIDENCE.	ROOMS.
Edward Sherman Aldrich,	Providence,	12 Green St.
William Whitman Bailey,	West Point, N. Y.,	22 U. H.
George Bartlett Barrows,	Providence,	1 Fountain St.
Thomas Benton Bishop,	Seekonk, Mass.,	34 H. C.
Henry Clarke Bowen,	Attleborough, Mass.,	20 H. C.
Seabury Warren Bowen,	Attleborough, Mass.,	20 H. C.
Israel Martin Bullock,	Putnam, Conn.,	402 N. Main St.
George Moulton Carpenter, Jr.,	Providence,	236 Pine St.
Edson Cummings Chick,	Grafton, Mass.,	31 U. H.
John Spalding Chick,	Grafton, Mass.,	31 U. H.
Horace Choate,	Newburyport, Mass.,	45 U. H.
James Winsor Colwell,	N. Scituate,	34 H. C.
Harry Cooke Cushing,	Providence,	Congdon St.
Benjamin Chace Dean,	Pawtucket, Mass.,	34 H. C.
Edgar John Doe,	Fitchburg, Mass.,	2 Angell Court.
John Kinnicutt Dorrance,	Providence,	145 North Main St.
Gamaliel Lyman Dwight,	Providence,	28 H. C.
Sherburne Blake Eaton,	Lowell, Mass.,	47 U. H.
Simeon Gallup,	Ledyard, Conn.,	40 U. H.
Clarence Tripp Gardner,	Pawtucket,	4 H. C.
Nathaniel Oscar Gray,	Shelburne Falls, Mass.,	62 Waterman St.
Albert Eugene Ham,	Providence,	48 S. Main St.,
Samuel Farwell Hancock,	Cambridgeport, Mass.,	53 U. H.

NAMES.	RESIDENCE.	ROOMS.
Charles Louis Harrington,	Beverly, Mass.,	19 H. C.
Frank Townsend Hazlewood, Jr.,	Cambridgeport, Mass.,	53 U. H.
Ratcliffe Hicks,	Tolland, Conn.,	3 H. C.
David Alfred Holmes,	Providence,	212 N. Main St.
John Sophus Holmes,	Boston, Mass.,	45 U. H.
George Frederick Jelly,	Salem, Mass.,	19 H. C.
Benjamin Dunn Jones,	Providence,	44 Bradford St.
Henry Hall Judson,	Providence,	28 H. C.
George Henry Kenyon,	Providence,	76 Howell St.
Ebenezer Eastburn Lamson,	Shelburne Falls, Mass.,	62 Waterman St.
John Francis Lonsdale,	Providence,	115½ N. Main St.
Frank Wayland Love,	Providence,	19 Angell St.
Horace Warren Love,	Providence,	19 Angell St.
Henry Bradley Miner,	Canton, Mass.,	25 H. C.
Shadrach Cate Morrill,	Concord, N. H.	39 Charles Field St.
Joshua Foster Ober,	Beverly, Mass.,	17 H. C.
Henry Harrison Oldfield,	Providence,	48 George St.
George Bacheler Peck, Jr.,	Providence,	600 N. Main St.
Charles Edwin Dawson Peirce,	Providence,	175 Broadway.
Fenelon Atwell Peirce,	Providence,	19 Bradford St.
Samuel Hartwell Pratt,	Wales, Mass.,	35 H. C.
William Conrad Rhodes,	Cranston,	Mr. Rhodes's.
Amos Robinson,	Raynham, Mass.,	17 H. C.
Mattson Caleb Sanborn,	S. Berwick, Me.,	33 H. C.
William Randall Sayles,	Cumberland,	30 H. C.
Adoniram Judson Shurtleff,	Warren,	4 H. C.
Thomas Delap Smith, Jr.	Boston, Mass.,	71 Congdon St.
Darius Hicks Stoddard,	Eastford, Conn.,	40 U. H.
John Tetlow, Jr.,	Providence,	36 C. St.
Charles Russell Tucker, Jr.,	New Bedford, Mass.,	68 George St.
Francis Mauris Tyler,	Pawtucket, Mass.,	31 H. C.
William Henry Underhill,	Springfield, Mass.,	35 H. C.
Louis Ormsbee Walker,	Seekonk, Mass.,	
Charles Erastus Willard,	Eastport, Me.,	2 Angell Court.
Horace Mann Willard,	Warwick,	Maple St.

FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

NAMES.	RESIDENCE.	ROOMS.
John Howard Appleton,	Providence,	193 Friendship St.
Edward Parker Deacon,	Boston, Mass.,	272 Benefit St.
Frank Dane Douglass,	Jewett City, Conn.,	52 U. H.
Charles Frederick Eaton,	North Providence,	Mrs. Eaton's.
John Davis Edgell,	Gardner, Mass.,	189 Broad St.
John Albert Monroe,	Providence,	117 South Main St.
Thomas Thaddeus Morrell,	Farmington, N. H.,	39 Charles Field St.
John Augustus Rogers,	Newburgh, N. Y.,	21 Planet St.
Eugene Sanger,	Concord, N. H.,	48 Waterman St.
Andrew Fuller Warren,	Newton Centre, Mass.,	48 Waterman St.
George Rowland Waterman,	Lawrence, Mass.,	189 Broad St.

SELECT COURSE.

William Bailey Avery,	Providence,	471 N. Main St.
Horace Francis Carpenter,	Pawtucket, Mass.,	Mr. Carpenter's.
William Montgomery Greene,	Providence,	118 Clifford St.
Henry Jencks,	Valley Falls,	Mr. Jencks's.
Edward Newbold Lawrence,	Flushing, N. Y.,	16 Brown St.

ABBREVIATIONS.

U. H. ..... University Hall.
H. C. ..... Hope College.

SUMMARY.

Resident Graduates	5
Seniors	38
Juniors	45
Sophomores	70
Freshmen	74
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TIME AND CONDITIONS OF ADMISSION.

STUDENTS of the University may be either candidates or not candidates for a degree. All, however, are subject to the same laws, equally entitled to any certificate of standing which they may have deserved, and liable to the same punishments for transgression of the laws.

Students duly qualified are allowed to pursue their studies for a longer or shorter time, as their age, ability, or pecuniary circumstances may render convenient to themselves; the Faculty, however, having the right to direct the studies of each in such manner as to prevent idleness on the one hand, or superficial haste on the other.

Opportunity is also offered to any other person of good character, who may wish it, to enjoy all the advantages of any single study or separate course, under such regulations as the Executive Board may prescribe.

Examinations for admission to the Freshman class take place on the last Friday of the second term, (July 11th, 1861,) and on the Thursday of Commencement week, (September 5th.) The candidates assemble in No. 12 University Hall, at 8 o'clock, A. M.

The regular examination for admission to the other classes of the University, is held on Saturday of Commencement week, (September 7th, 1861.)

There will also be an examination for admission to advanced standing in the several classes, on the first Saturday of the second term, (February 16th, 1861,) commencing at 9 o'clock, A. M.

Candidates for admission to the course prescribed for the degree of Bachelor of Arts, are examined in

Arithmetic, and Algebra as far as Quadratic Equations,

Ancient and Modern Geography,

English Grammar, and the use of the English Language,

Hadley's Greek Grammar, the Syntax and Greek Selections in Harkness' "First Greek Book," and Four Books of Xenophon's Anabasis, or an equivalent portion of some classical Greek Author, and in writing Greek,

Latin Grammar, Cæsar's Commentaries, the Æneid of Virgil, Six Orations of Cicero, Latin Prosody, and in writing Latin.

There are two parallel courses of instruction for the degree of Bachelor of Philosophy; the one including classical studies, and the other omitting them, and substituting a larger amount of scientific studies. For admission to the former of these courses, students are examined as for the degree of Bachelor of Arts, except that the candidate need be examined only in that ancient language which he intends to pursue, if he elect to pursue only one. To be admitted to the latter course, students are examined in Arithmetic, and Algebra as far as quadratic equations, and in English Grammar.

Students who wish to pursue a select course, without entering as candidates for a degree, must be examined in the several branches of a good English education.

No student can be admitted as a candidate for matriculation, unless he bring suitable testimonials of good moral character; and if he comes from another college or an academy, he must also present a certificate of regular dismission from, and of good standing in, the institution which he has left.

The earliest age at which, in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

DEGREES, AND THE COURSES OF INSTRUCTION.

The regular Degrees conferred in this University, are the Degree of Bachelor of Arts and of Bachelor of Philosophy.

The course of studies for the degree of Bachelor of Arts, extends through a period of four years. In order to obtain this degree, the student must have certificates of proficiency in the following courses of instruction:—

Each of the Ancient Languages, for one year and a half,
Mathematics, for one year and a half,
One Modern language, for one year,
Natural Philosophy, for one year,
Rhetoric and English Literature, for one year,
Chemistry and Physiology, for one year,
Modern History, for one year,
Intellectual and Moral Philosophy, for one year,
And three elective studies for one term each, to be chosen from those specified in the Order of studies printed below.

For the Degree of Bachelor of Philosophy there are two parallel courses of study, each extending through a period of three years.

The first of these embraces the following studies:

An Ancient Language, pursued for two years,
(or) The two Ancient Languages, each for one year,
A modern Language, for one year,
Mathematics, for one year,
Rhetoric, for one year,
Modern History, for one year,
Intellectual and Moral Philosophy, for one year,

And four elective studies, for one term each, to be chosen from those specified in the Order of studies printed below.

The second of these parallel courses embraces the following studies :
Mathematics, for one year,
A Modern Language, for one year,
Rhetoric, for one year,
Chemistry and Physiology, for one year,
Natural Physiology, for one year,
Modern History, for one year,
Intellectual and Moral Philosophy, for one year,

And four elective studies, for one term each, to be chosen from those specified in the printed Order of studies.

A student who attends, for two years, the course of Mathematics, and the full course of Civil Engineering, may be admitted a candidate for the degree of Bachelor of Philosophy, by obtaining testimonials of proficiency in such other courses as shall, in the judgment of the Faculty, make his whole amount of study equal to nine courses of one year each. The same principle shall also be applied to students who pursue either of the other special courses.

The courses of instruction for the different degrees, are pursued as follows :

I. FOR THE DEGREE OF BACHELOR OF ARTS.

FIRST YEAR.

FIRST TERM.

1. *Greek.* Felton's Greek Historians. — Arnold's Greek Prose Composition.—Smith's History of Greece.
2. *Latin.* Cicero de Senectute and De Amicitia.—Livy (Lincoln's Selections) commenced.—Arnold's Latin Prose Composition.—Schmitz's History of Rome.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Greek.* Homer's Iliad. — Arnold's Greek Prose Composition completed.
2. *Latin.* Livy completed. — Arnold's Latin Prose Composition completed.
3. *Mathematics.* Davies's Bourdon's Algebra, beginning at Chapter 5th.

SECOND YEAR.

FIRST TERM.

1. *Greek, and Latin.* Demosthenes.—Exercises in Greek Composition.—Lectures.
   Horace (Lincoln's edition.)—Exercises in Latin Composition.
2. *Mathematics.* Plane and Spherical Trigonometry, Loomis, or Davies's Legendre.
3. *French.* Fasquelle's French Course.—Oral and Written Exercises. — Voltaire's Siécle de Louis XIV. — Angell's Chambers' Hand Book of French Literature.
4. *Rhetoric.* Lectures.—Essays.

SECOND TERM.

1. *Greek, and Latin.* Demosthenes.—Exercises in Greek Composition.—Lectures.
   Horace. Exercises in Latin Composition.
2. *French.* Fasquelle continued, with Exercises.—Collot's Dramatic Reader.—Angell's Chambers' Hand Book of French Literature.
3. *Mathematics, or Physiology.** Analytical Geometry. Lectures.
4. *Rhetoric.* Lectures. Essays.

* Physiology is a study required for this degree, but it may be pursued either this term, or the second term of the third year, at the option of the student, in the manner designated in the course.

THIRD YEAR.

FIRST TERM.

1. *Natural Philosophy.* Smith's Mechanics, and Lectures.
2. *Rhetoric.* Campbell and Lectures.—History of English Literature by Lectures.—Essays and Declamations.
3. *Chemistry.* Lectures.

SECOND TERM.

1. *Natural Philosophy.* Norton's Astronomy, and Lectures.
2. *Rhetoric.* Whately's Logic and Lectures. Whately's Rhetoric, History of English Literature by Lectures.—Essays and Declamations.
3. *Physiology.* Lectures,

   Or any two of the following elective* studies, viz.:

   (1.) *Geology.* Lectures.
   (2.) *Political Economy.* Wayland, and Lectures.
   (3.) *Latin.* Cicero or Tacitus.—Latin Compositions.—Lectures.
   (4.) *Greek.* Sophocles or Euripides.—Greek Compositions.—Lectures.

FOURTH YEAR.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *Modern History.* Guizot, Hallam, and Lectures.
3. Either of the following elective studies, viz.:

   (1.) *Latin,* Tacitus.—Lectures.
   and Greek. Plato.—Lectures.
   (2.) A Modern Language.

*The selections of elective studies, in the second term of the third and of the fourth year, are subject to limitation by the times of recitation.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *English and American History, Constitutional and International Law.* Sheppard, and Woolsey, with Lectures.
3. A Modern Language, continued,
   Or any two of the following elective studies, viz.:
   (1.) *Geology.*
   (2.) *Political Economy.*
   (3.) *Latin.* The Rhetorical Works of Cicero.—Lectures.
   (4.) *Greek.* Sophocles, or Euripides.—Lectures.

II. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

I.

FIRST YEAR.

FIRST TERM.

1. *Latin* or *Greek.* Text books as in the first year of the preceding Course.
2. *French* or *German.* Text books as in the second year of the preceding Course.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Latin* or *Greek,* continued.
2. *French* or *German,* continued.
3. *Mathematics.* Davies's Bourdon's Algebra.

SECOND YEAR.

FIRST TERM.

1. *Latin* or *Greek.* Text books as in the second year of the preceding Course.
2. *Rhetoric.* Text books as in the third year of the preceding Course.
3. Either of the following elective studies, viz.:
   (1.) *Mathematics.* Plane and Spherical Trigonometry.
   (2.) *Natural Philosophy.*

SECOND TERM.

1. *Latin* or *Greek*, continued.
2. *Rhetoric*, continued.
3. Either of the following elective studies, viz.:
   (1.) *Natural Philosophy.*
   (2.) *Physiology.* Lectures.

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, French or German.
   (2.) *Chemistry.* Lectures.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *History.*
3. Either of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Geology* and *Political Economy.*

II.

FIRST YEAR.

FIRST TERM.

1. *Mathematics.* Davies's Legendre's Geometry.
2. *Chemistry.* Lectures.
3. *French.* Text books same as above mentioned.

or *German.* Text books same as above mentioned.

SECOND TERM.

1. *Mathematics.* Davies's Bourdon's Algebra.
2. *Physiology.* Lectures.
3. *French*, continued.

or *German*, continued.

SECOND YEAR.

FIRST TERM.

1. *Natural Philosophy*, (pursued as in the above Courses.)
2. *Rhetoric*, (pursued as in the above Courses.)
3. One of the following elective studies, viz.:
   (1.) *Mathematics.*
   (2.) *Civil Engineering.*
   (3.) *Chemistry applied to the Arts.*

SECOND TERM.

1. *Natural Philosophy*, continued.
2. *Rhetoric*, continued.
3. One of the following elective studies, viz.;
   (1.) *Civil Engineering*, continued.
   (2.) *Chemistry applied to the Arts*, continued.
   (3.) *Geology*, and *Political Economy.*

THIRD YEAR.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *Modern History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language.
   (2.) *Civil Engineering*, continued.
   (3.) *Chemistry applied to the Arts*, continued.

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *Modern History.*
3. One of the following elective studies, viz.:
   (1.) A Modern Language, continued.
   (2.) *Civil Engineering*, completed.
   (3.) *Chemistry applied to the Arts.*

DEPARTMENTS OF PRACTICAL SCIENCE.

Departments of Practical Science have been established in the University, designed for the benefit of those who do not intend to enter the learned professions, but wish to prepare themselves for the pursuits of active life, and especially for those practical arts in which success depends essentially on an acquaintance with chemistry or with mathematics. By the statutes of the University, the studies of these departments may be pursued as elective studies by such candidates for the degree of Bachelor of Philosophy as pursue the second of the above mentioned courses of instruction for that degree; and also, in special cases, on permission being granted by the Executive Board, by candidates for the degree of Bachelor of Arts. These departments are the following:

I. CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes, and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week excepting Saturday, from 9 A. M. until 5 P. M. On Saturday, during the forenoon only.

II. CIVIL ENGINEERING.

The full course of Civil Engineering occupies a year and a half. It embraces the following studies and exercises:

Descriptive Geometry—Shade and Shadows—Linear Perspective—Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-work, and the Measurement of moving powers and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction in all its branches, and to the nature and preparation of the materials used.

Drawing. — Geometrical and Perspective — Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying with Compass, Theodolite, &c., Leveling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz:—Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections; which make up the course of Mathematics taught in the University.

Without this amount of preparation, persons may be admitted to any portion of the above mentioned course which they are able to pursue to advantage.

The terms of instruction in these departments of Practical Science, are given in a paragraph on page 36, under the head of Expenses.

LIBRARIES.

The University Library is in Manning Hall, and contains, at present, twenty-nine thousand volumes. A large proportion of these have been purchased within the last few years, with special reference to the wants of students and gentlemen engaged in literary and scientific pursuits. It is constantly increasing from the proceeds of a permanent fund of $25,000, established for this purpose in 1839. The Library is open four hours daily, from 9 A. M. till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise, together, six thousand volumes, accessible to all the students of the University.

ASSISTANCE TO MERITORIOUS STUDENTS.

SCHOLARSHIPS.

A Fund derived from a bequest made to the University by the late Hon. Nicholas Brown, has been applied, by the Corporation, to the founding of eleven Scholarships, called the Nicholas Brown Scholarships. The income of these Scholarships is to be given, under the direction of the Executive Board, to meritorious students who may need pecuniary assistance.

Other scholarships have been recently established by the contributions of friends of the college, the income of which is already available; and special efforts are now making by which, it is hoped, the number of these foundations will be largely increased.

THE PRESIDENT'S PREMIUMS.

These premiums are derived from the income of a donation, made by the Rev. Dr. Wayland, while President of the University. They are awarded to those members of the Freshman Class who are found, upon a special examination, to have attained the highest excellence in the classical studies, preparatory to admission to college. They are fixed by the statutes, as follows:

A First Premium of fifteen dollars, and a second of ten dollars, for excellence in the Greek language:

A First Premium of fifteen dollars, and a second of ten dollars, for excellence in the Latin language.

The examination is held on the first Monday of the first collegiate term. The competitors are examined in Latin and in Greek Grammar, in writing Latin and Greek, and in the first six books of the Æneid of Virgil, and in the first three books of Xenophon's Anabasis.

The premiums have this year been awarded as follows:

The First Premium in Greek to Henry B. Miner, instructed by Rev. P. J. Williams, in the Marion Collegiate Institute, Marion, N. Y.

The Second Premium in Greek to George M. Carpenter, Jr., instructed by Mr. John J. Ladd, in the Providence High School.

The First Premium in Latin to George M. Carpenter, Jr., instructed by Mr. John J. Ladd, in the Providence High School.

The Second Premium in Latin to Horace M. Willard, instructed by Mr. Merrick Lyon, in the University Grammar School.

TERM EXAMINATIONS.

Examinations of all the classes are held at the close of each term. These examinations are both oral and in writing. When in writing, the questions are prepared by the committees of examination and presented to each student, at the time of the examination, and he is required to return his answers within a specified time. From the aggregate value of these answers, his standing by examination is determined.

The following committees of examination in the several departments, have been appointed by the Executive Board:

1. Greek Language.

Rev. Silas A. Crane, D. D., James Tillinghast, Esq.,
Merrick Lyon, Esq., Rev. R. F. Buel.

2. Latin Language.

Hon. John Kingsbury, LL. D., John J. Ladd, Esq.
Rev. A. H. Clapp,

3. Modern Languages.

James B. Angell, Esq., William Binney, Esq.,
William Goddard, Esq., Thomas K. King, Esq.

4. Rhetoric and English Literature.

Rev. Leonard Swain, D. D., Rev. S. L. Caldwell, D. D.,
Hon. W. S. Patten, Rev. W. C. Richards.

5. Physical Science.

C. W. Parsons, M. D., G. L. Collins, M. D.,
J. W. C. Ely, M. D., William W. Pearce, Esq.

6. History and Political Economy.

Hon. C. S. Bradley, Hon. S. G. Arnold,
Abraham Payne, Esq., Rev. Henry Waterman, D. D.

7. Intellectual and Moral Philosophy.

Rev. J. Leavitt, D. D., Rev. E. B. Hall, D. D.,
Rev. Alva Woods, D. D., Rev. S. W. Field,
S. B. Tobey, M. D., Rev. Heman Lincoln.

8. Natural Philosophy and Astronomy.

Moses B. Lockwood, Esq., Rowland Hazard, Esq.,
Caleb Farnum, Esq., Hon. George Howland.

9. Mathematics and Civil Engineering.

Zachariah Allen, LL. D., Rev. Daniel Leach,
Emory Lyon, Esq., Joseph Cartland.

10. Chemistry applied to the Arts.

T. P. Shepard, M. D., Thomas P. Ives, Esq.,
E. M. Snow, M. D., Marshall Woods, M. D.

EXERCISES IN ELOCUTION AND COMPOSITION.

The Junior Class has regular exercises in Declamation. Each member of this class is required to deliver an original speech once a month. Members of the Junior and Sophomore Classes pursuing the Study of Rhetoric, are required to present Essays once a fortnight.

PUBLIC WORSHIP.

The exercises of every day commence with Prayers, in the College Chapel. All students are also required to attend public worship twice on Sunday. For this purpose, each one reports to the President, at the beginning of the term, the church which he will attend.

DIRECTIONS FOR STUDENTS.

1. The College Terms commence on Friday. This day and the following one are occupied in making the necessary preliminary arrangements. Every student is expected, within this time, to settle his bills with the Register, and enter his name for the studies which he is to pursue.

2. The several courses of instruction commence on the following Monday.

3. Every student is required to present himself at the first exercise; any failure to do so will be reported with demerits.

4. Every student is required to attend punctually upon prayers, and all the collegiate exercises pertaining to his course.

5. In case of absence, the student is required to inform the officer to whom he is responsible, of the cause of his absence, previous to the time of the exercise.

6. Should this be impossible, he is required to present his excuse immediately after the absence has occurred.

7. Once, every day, all absences which have occurred during the previous twenty-four hours, are reported to the Register.

8. Absence from any exercise, without excuse, always incurs a demerit of from 5 to 20. The same amount of demerit is also incurred for deficiency, without excuse, in any literary exercise.

9. When the demerits of any student amount to 30, the President is required to inform the parent or guardian of such student of the fact; and when his demerits amount to 100, to dismiss him from the University.

10. After reports are entered on the books of the Register, no alteration can be made on account of negligence in presenting an excuse, on the part of the student.

11. The rooms in College, for the use of students, are assigned by the President; and only those persons are allowed to occupy them, whose deportment is in all respects quiet and orderly.

EXPENSES.

TERM bills must be paid at the commencement of each term.

If a student be matriculated as a candidate for a degree, he is charged a fee of $5,00.

The College expenses for a year are as follows:

Tuition, $18,00 per term	$36 00
Room-rent, $4,50 per term	9 00
Servants' hire, $1,50 per term to $3,50	7 00
Use of Library, 1,50 per term	3 00
Register's salary, 2,00 per term	4 00
Repairs, from $1,75 to 2,00 per term	4 00
Public Fuel, from 1,75 to 2,00 per term	4 00
	$67 00

If a Student occupy a room alone, his rent and servants' hire are doubled.

Board is not furnished in College. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:

Board at from $2,25 to $3,00 per week. Board and lodging, with furnished rooms, in some cases washing or fuel including, from $3,50 to $4,50 per week.

There are two Boarding Clubs, which are aided to some extent by the Corporation. The price of board in these clubs, the last year, was somewhat less than $2,00 per week.

The above estimate for tuition does not include the fees for instruction in Chemistry applied to the Arts and in Civil Engineering. For the full course in each of these departments, the fee is $30,00 per term. But students who pursue the studies of either of these departments in connection with those of the other departments of the College, or persons, not pursuing other studies in College, who devote only a portion of their time to either of these departments, pay a fee in proportion to the time occupied.

All the apparatus, required in the Chemical Laboratory, will be furnished the student and charged in his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alchohol, Gas, and all other materials required, use of apparatus, fuel and other current expenses, per term..... ..... $55 00

This charge is intended merely to cover the average cost. If the cost falls below the charge specified, the deduction will be made accordingly.

CALENDAR FOR 1860-61.

1860.

First Term begins Friday ..... September 7.

First Recess, the week of the annual Thanksgiving.

1861.

First Term ends Thursday ..... January 24.

WINTER VACATION, THREE WEEKS.

Second Term begins Friday ..... February 15.

Junior Exhibition, Saturday ..... April 27.

Second Recess, the week succeeding Exhibition.

Second Term ends Thursday ..... July 11.

SUMMER VACATION, EIGHT WEEKS.

Commencement, Wednesday ..... September 4.

First Term begins Friday ..... September 6.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1861-2.

A

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BROWN UNIVERSITY,

1861-2.

PROVIDENCE:
KNOWLES, ANTHONY & CO., PRINTERS.
1861.

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Secretary of the Board.

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ALPHONSE RENAUD,

INSTRUCTOR IN FRENCH.

_____ *

INSTRUCTOR IN GERMAN.

REUBEN A. GUILD, A. M.,

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LEMUEL H. ELLIOTT, ESQ.,

REGISTER.

* Instruction in German is, at present, given by the President.

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NAMES.	RESIDENCE.	ROOMS.
Isaac Bowen Barker, A. M.,	South Hanson, Mass.,	23 U. H.
George Abel Holbrook, A. M.,	Smithfield,	
Charles Edward Hosmer, A. B.,	Bedford, Mass.,	57 U. H.
Joseph Hurlbut Patten, A. M.,	Providence,	25 Union St.
William Henry Randall, A. M.,	Mystic River, Conn.,	68 George St.

SENIOR CLASS.

NAMES.	RESIDENCE.	ROOMS.
Joshua Melancthon Addeman,	Providence,	15 Barclay St.
Edwin Aldrich,	Woonsocket,	43 Richmond St.
Thomas Lemuel Angell,	Smithfield,	188 Westminster St.
William Mason Bailey, Jr,	North Providence,	30 U. H.
Sydney Elmon Benton,	Windsor, Vt.,	9 Meeting St.
Thomas Frederic Brown,	Providence,	26 Aborn St.
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Henry Clay Carr,	Jamestown,	52 U. H.
Henry Francis Colby,	Newton Centre, Mass.,	42 H. C.
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Francis Adolphus Daniels,	Providence,	36 Olney St.
Frank Winthrop Draper,	Wayland, Mass.,	9 Meeting St.
Josiah Ripley Goddard,	Providence,	41 U. H.

NAMES.	RESIDENCE.	ROOMS.
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Lyman Bullock Goff,	Pawtucket, Mass.,	24 H. C.
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Isaac Harrison Saunders,	North Scituate,	5 H. C.
Frederic Sherman,	Pawtucket, Mass.,	50 U. H.
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George Thompson Woodward,	Taunton, Mass.,	10 H. C.

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William Warwick Bliss,	Brooklyn, N. Y.,	43 H. C.
Amos Miller Bowen,	Providence,	107 Power St.
Joseph Manton Bradley,	North Providence,	Mr. Bradley's.
Charles Ray Brayton,	Warwick,	22 H. C.
Edward Payson Brown,	Rehoboth, Mass.,	36 H. C.
Ansel Oscar Burt,	Taunton, Mass.,	13 H. C.
George Warren Calkins,	Palmer, Mass.,	58 U. H.
Benjamin Franklin Clarke,	Newport, Me.,	41 H. C.
Harrison Cole,	Southbridge, Mass.,	13 H. C.
Ellmer Lawrence Corthell,	South Abington, Mass.,	57 U. H.
Charles Chester Cragin,	Providence,	20 Broadway.
Samuel Richmond Dorrance,	Providence,	145 North Main St.
Forrest Fayette Emerson,	North Reading, Mass.,	9 H. C.
James Henry Foss,	Rowley, Mass.,	14 H. C.
Henry Gordon Gay,	Lebanon, Conn.,	43 H. C.
Charles Warren Greene,	North Andover, Mass.,	44 U. H.
George Herbert Greene,	North Andover, Mass.,	44 U. H.
John Jenckes Holmes,	Woodstock, Conn.,	3 H. C.
George Huntington,	Brooklyn, Conn.,	2 Cypress St.
George Seneca Jones,	Falmouth, Mass.,	43 Richmond St.
Edward Gifford Kelton,	Charleston, S. C.,	44 H. C.

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Orray Taft Knight,	Providence,	90 High St.
Charles Frederic Ladd,	Providence,	26 Union St.
Oscar Lapham,	Burrillville,	12 H. C.
Henry Simmons Latham, Jr.,	Providence,	69 Fountain St.
George Allen Litchfield,	Brookfield, Mass.,	51 U. H.
Roger Williams Love,	Providence,	19 Angell St.
Robert Forrest Maclaren,	Fall River, Mass.,	14 H. C.
George Herman Miner,	NorthStonington,Conn.,	40 H. C.
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Lyman Partridge,	West Medway, Mass.,	49 U. H.
Alexander Peckham,	Newport,	2 Angell Court.
Hosea Mason Quinby,	Pittsfield, N. H..	22 U. H.
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Livingston Scott,	Woonsocket,	23 H. C.
Frederic Baker Sears,	Fall River, Mass.,	44 H. C.
Orsmus Augustus Taft,	Uxbridge, Mass.,	277 Pine St.
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David Franklin Thorpe,	Providence,	60 South St.
Albert Cicero White,	Foxborough, Mass.,	48 U. H.

FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

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Jason Billings Kelly,	Barre, Mass.,	30 H. C.

SELECT COURSE.

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Samuel Woodbury, Jr.,	Newburyport, Mass.,	32 H. C.

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George Bartlett Barrows,	Providence,	1 Fountain St.
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Henry Clark Bowen,	Attleborough, Mass.,	20 H. C.
Seabury Warren Bowen,	Attleborough, Mass.,	20 H. C.
Israel Martin Bullock,	Putnam, Conn.,	34 U. H.
George Moulton Carpenter, Jr.,	Providence,	236 Pine St.
Edson Cummings Chick,	Grafton, Mass.,	31 U. H.
John Spaulding Chick,	Grafton, Mass.,	31 U. H.
James Winsor Colwell,	North Scituate,	16 H. C.
Harry Cooke Cushing,	Providence,	Congdon St.
Benjamin Chace Dean,	Lowell, Mass.,	6 Hopkins St.
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Simeon Gallup,	Ledyard, Conn.,	56 U. H.
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Ratcliffe Hicks,	Tolland, Conn.,	32 H. C.
David Alfred Holmes,	Providence,	212 N. Main St.
John Sophus Holmes,	Boston, Mass.,	45 U. H.
Hervey Fitz Jacobs,	Thompson, Conn.,	29 H. C.
George Frederick Jelly,	Salem, Mass.,	26 H. C.
Benjamin Dunn Jones,	Providence,	44 Bradford St.
George Henry Kenyon,	North Providence,	Mr. Kenyon's.
Ebenezer Eastburn Lamson,	Shelburne Falls, Mass.,	11 H. C.
Charles Thurber Lazell,	Brooklyn, N. Y.,	25 Waterman St.
Frank Wayland Love,	Providence,	19 Angell St.
Horace Warren Love,	Providence,	19 Angell St.
Matthew McArthur Meggett,	Pawtucket,	16 H. C.
Henry Bradley Miner,	Canton, Mass.,	25 H. C.
Joshua Foster Ober,	Beverly, Mass.,	21 H. C.
Henry Harrison Oldfield,	Providence,	48 George St.
George Bacheler Peck, Jr.,	Providence,	600 N. Main St.
Fenelon Atwell Peirce,	Providence,	19 Bradford St.
Samuel Hartwell Pratt,	Wales, Mass.,	35 H. C.
William Conrad Rhodes,	Cranston,	Mr. Rhodes's.
Amos Robinson,	Raynham, Mass.,	21 H. C.
William Randall Sayles,	Cumberland,	30 H. C.
Thomas Delap Smith, Jr.,	Boston, Mass.,	71 Congdon St.
Darius Hicks Stoddard,	Eastford, Conn.,	56 U. H.
John Tetlow, Jr.,	Providence,	36 C. St.
Charles Russell Tucker, Jr.,	New Bedford, Mass.,	68 George St.
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William Henry Underhill,	Springfield, Mass.,	34 U. H.
Louis Ormsbee Walker,	Seekonk, Mass.,	Mr. Walker's.
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John Davis Edgell,	Gardner, Mass.,	23 H. C.
David Fales,	Wrentham, Mass.,	48 U. H.
Abner Greenleaf,	Washington, D. C.,	65 Waterman St.
John Albert Monroe,	Providence,	117 South Main St.
Thomas Thaddeus Morrell,	Farmington, N. H.,	10 Howard St.
Eugene Sanger,	Concord, N. H.,	50 Waterman St.
Adoniram Judson Shurtleff,	Warren,	37 H. C.
Andrew Fuller Warren,	Newton Centre, Mass.,	22 H. C.
George Rowland Waterman,	Lawrence, Mass.,	189 Broad St.

SELECT COURSE.

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William Montgomery Greene,	Providence,	118 Clifford St.
Edward Newbold Lawrence,	Flushing, N. Y.	74 William St.
Benjamin Franklin Swazey,	Exeter, N. H.,	46 U. H.

FRESHMAN CLASS.

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Zephaniah Brown,	Providence,	26 Aborn St.
Edward Hume Bucknam,	Eastport, Me.,	9 Meeting St.
William Philip Davis,	Paxton, Mass.,	8 Angell St.
James Gregory Dougherty,	Newport,	16 U. H.
Charles Fabyan Easton,	Smithfield,	3 H. C.
James Peirson Field,	West Haven, Vt.,	31 H. C.
Jared Warner Finney,	Detroit, Mich.,	60 William St.
Alfred Francis Hanmer,	Hartford, Conn.,	2 H. C.
Henry Louis Hammond,	Dayville, Conn.,	2 Angell Court.
George Byron Hanna,	East Randolph, Mass.,	40 U. H.
Wilkins Updike Hidden,	Providence,	183 Benefit St.
Bennezette Alanson Hough,	Essex, Conn.,	2 H. C.
William Cary Ives,	Suffield, Conn.,	17 U. H.
James King Lawrence,	Newport,	25 Waterman St.
Frank Jacob Leonard,	Stafford, Conn.,	300 North Main St.
George Holmes Messer,	Groton, Mass.,	53 U. H.
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Joseph Rees,	Aberdare, South Wales,	17 H. C.
William Watson Rickard,	Providence,	42 Elm St.
Alonzo Sanderson,	Lunenburg, Mass.,	53 U. H.
George Wallace Shaw,	Little Compton,	12 U. H.
Wm. Dennis Upham Shearman,	Providence,	7 Jefferson St.
Job Randall Smith,	Manchester, N. H.,	20 Benevolent St.
Martin Sydney Smith,	North Scituate,	21 Waterman St.
Welcome Alvah Smith,	Jewett City, Conn.,	117 South Main St.
Charles Hubbard Spalding,	Sterling, Conn.,	17 U. H.
Joseph Elwin Spink,	Wickford,	117 South Main St.
Hebron Horton Steere,	North Providence,	Mr. Steere's.
Reuben Mowry Streeter,	Woonsocket,	88 Smith St.
Caleb Edmund Thayer,	Blackstone,	10 Waterman St.
Austin Valencourt Tilton,	N. Sanborton, N. H.,	49 U. H.
Levi Carey Walker,	Putnam, Conn.,	19 U. H.
Joseph Ward,	Pawtucket,	14 U. H.
Charles Frederic White,	Middleborough, Mass.,	31 H. C.
William Henry Williams,	Ledyard, Conn.,	23 Waterman St.
William Clitus Witter,	Willimantic, Conn.,	27 H. C.

FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

George Henry Appleton,	Haverhill, Mass.,	37 U. H.
Charles Mason Corbin,	Union, Conn.,	23 H. C.
George Lucius Herrick,	Burlington, Vt.,	2 Angell Court,
Rufus Waterman, Jr.,	Providence,	140 Benefit St.
Luther White,	Granby, Mass.,	34 U. H.
Frederic Willard Whipple,	Mapleville,	14 U. H.

SELECT COURSE.

Edwin Dorrance Dewey,	Columbia, Conn.,	29 H. C.
Daniel Wanton Lyman,	Providence,	274 Westminster St.

ABBREVIATIONS.

U. H. ..... University Hall.
H. C. ..... Hope College.

SUMMARY,

Resident Graduates	5
Seniors	31
Juniors	55
Sophomores	72
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TIME AND CONDITIONS OF ADMISSION.

EXAMINATIONS for admission to the Freshman class take place on the last Friday of the second term, (July 11th, 1862,) and on the Thursday of Commencement week, (September 4th.) The candidates assemble in No. 12 University Hall, at 8 o'clock, A. M.

The regular examination for admission to the other classes of the University, is held on Saturday of Commencement week, (September 6th, 1862.)

There will also be an examination for admission to advanced standing in the several classes, on the first Saturday of the second term, (February 15th, 1862,) commencing at 9 o'clock, A. M.

Candidates for admission to the Freshman class are examined in

Arithmetic, and Algebra as far as Quadratic Equations,

Ancient and Modern Geography,

English Grammar, and the use of the English Language,

Hadley's Greek Grammar, the Syntax and Greek Selections in Harkness' "First Greek Book," and Four Books of Xenophon's Anabasis, or an equivalent portion of some classical Greek Author, and in writing Greek,

Latin Grammar, Cæsar's Commentaries, the Æneid of Virgil, Six Orations of Cicero, Latin Prosody, and in writing Latin.

The examination is both oral, and in writing. It is necessary that all candidates be thoroughly prepared, especially in the knowledge of Greek and of Latin Grammar; and that they be versed in Latin and in Greek Composition.

Candidates for admission to the three years' course of instruction, are examined as above, if they pursue classical studies; otherwise, they are examined only in Arithmetic, Algebra, English Grammar, and Modern Geography.

Students who wish to pursue a select course, without entering as candidates for a degree, must be examined in the above mentioned English branches.

No student can be admitted as a candidate for matriculation, unless he bring suitable testimonials of good moral character; and if he come from another college or an academy, he must also present a certificate of good standing in the institution which he has left, and of regular dismission from it.

The earliest age at which, in general, it will be advantageous for a student to enter the University, is at the completion of the fifteenth year; the President is, however, authorized to matriculate a student at an earlier age, provided sufficient and peculiar reasons exist, and his parent or guardian places him under such moral supervision as is satisfactory to himself.

COURSE OF INSTRUCTION.

FRESHMAN CLASS.

FIRST TERM.

1. *Greek.* Felton's Greek Historians.—Arnold's Greek Prose Composition.—Smith's History of Greece.
2. *Latin.* Livy (Lincoln's Selections) commenced.—Arnold's Latin Prose Composition.—Schmitz's History of Rome.
3. *Mathematics.* Davies's Legendre's Geometry.

SECOND TERM.

1. *Greek.* Homer's Iliad.—Arnold's Greek Prose Composition completed.
2. *Latin.* Livy completed.—Cicero De Senectute and De Amicitia.—Arnold's Latin Prose Composition completed.
3. *Mathematics.* Davies's Bourdon's Algebra, beginning at Chapter 5th.

SOPHOMORE CLASS.

FIRST TERM.

1. *Greek,* Demosthenes.—Exercises in Greek Composition.—Lec-
   and tures.
   Latin. Horace (Lincoln's edition.)—Exercises in Latin Composition.
2. *Mathematics.* Plane and Spherical Trigonometry, Loomis, or Davies's Legendre.
3. *French.* Fasquelle's French Course.—Oral and Written Exercises.—Voltaire's Siécle de Louis XIV.—Angell's Chambers' Hand Book of French Literature.
4. *Rhetoric.* Lectures.—Essays.

SECOND TERM.

1. *Greek, and Latin.* Demosthenes.—Exercises in Greek Composition.—Lectures. Horace. Exercises in Latin Composition.
2. *French.* Fasquelle continued, with Exercises.—Collot's Dramatic Reader.—Angell's Chambers' Hand Book of French Literature.
3. *Mathematics, or Physiology.** Analytical Geometry. Lectures.
4. *Rhetoric.* Campbell.—Essays.

JUNIOR CLASS.

FIRST TERM.

1. *Natural Philosophy.* Smith's Mechanics, and Lectures.
2. *Rhetoric.* Thomson's Laws of Thought.—Whately's Rhetoric. Essays and Declamations.
3. *Chemistry.* Lectures.
4. *Latin and Greek.*

SECOND TERM.

1. *Natural Philosophy.*—Norton's Astronomy, and Lectures.
2. *Rhetoric.* History of English Literature by Lectures.—Essays and Declamations.
3. *Physiology.* Lectures,

Or any two of the following elective† studies, viz :

(1.) *Geology.* Lectures.
(2.) *Political Economy.* Wayland, and Lectures.
(3.) *Latin.* Cicero or Tacitus.—Latin Compositions.—Lectures.
(4.) *Greek.* Sophocles or Euripides. — Greek Compositions. Lectures.

* Physiology is a study required for this degree, but it may be pursued either this term, or the second term of the third year, at the option of the student, in the manner designated in the course.

† The selections of elective studies, in the second term of the third and of the fourth year, are subject to limitation by the times of recitation.

SENIOR CLASS.

FIRST TERM.

1. *Intellectual Philosophy.*
2. *Modern History.* Guizot, Hallam and Lectures.
3. Either of the following elective studies, viz.:
   (1.) *Latin,* Tacitus.
   and Greek. Plato.—Lectures.
   (2.) *German.*

SECOND TERM.

1. *Moral Philosophy.* Wayland.
2. *English and American History, Constitutional and International Law.* Sheppard, and Woolsey with Lectures.
3. *German,* continued,
   Or any two of the following elective studies, viz:
   (1.) *Geology.*
   (2.) *Political Economy.*
   (3.) *Latin,* The Rhetorical Works of Cicero.—Lectures.
   (4.) *Greek.* Sophocles, or Euripides.—Lectures.

A shorter course of instruction, extending through three years, is pursued by those who enter for the degree of Bachelor of Philosophy.

If classical studies are pursued, the course is as follows:

First Year. An Ancient Language, French, Geometry and Algebra.

Second Year. An Ancient Language, and Rhetoric, as required studies; Trigonometry, Natural Philosophy, Physiology, elective.

Third Year. Intellectual and Moral Philosophy, and History, required studies; German, Chemistry, Geology and Political Economy, elective.

If classical studies are not pursued, the course is as follows:

First Year. French, Chemistry, Physiology, Geometry and Algebra.

Second Year. Natural Philosophy, Rhetoric, as required studies; Trigonometry, Civil Engineering, Chemistry applied to the Arts, Geology and Political Economy, elective.

Third Year. Intellectual and Moral Philosophy, History, required studies; German, Civil Engineering, Chemistry applied to the Arts, Geology and Political Economy, elective.

DEPARTMENTS OF PRACTICAL SCIENCE.

Departments of Practical Science have been established in the University, designed for the benefit of those who do not intend to enter the learned professions, but wish to prepare themselves for the pursuits of active life, and especially for those practical arts in which success depends essentially on an acquaintance with chemistry or with mathematics. By the statutes of the University, the studies of these departments may be pursued as elective studies by such candidates for the degree of Bachelor of Philosophy as pursue the second of the above mentioned courses of instruction for that degree ; and also, in special cases, on permission being granted by the Executive Board, by candidates for the degree of Bachelor of Arts. These departments are the following :

I. CHEMISTRY APPLIED TO THE ARTS.

It is the design of this department to afford facilities for the acquisition of a practical knowledge of the science of chemistry, including its application to the Arts.

The student is furnished with the requisite apparatus and materials, and directed in the experimental study of the facts and laws of the science, and of those combinations of chemical phenomena which constitute the chemical part of the processes of the Arts.

Much attention is given to Analysis, both on account of its importance in itself considered, and because it constitutes the most effectual means of acquiring a familiar knowledge of the facts and principles involved in other applications of the science.

Having completed the analytical course, the student is prepared for the more minute investigation of particular processes, and the direction of his studies is to be determined by the special objects he has in view.

The Laboratory is open each day of the week excepting Saturday, from 9 A. M. until 5 P. M. On Saturday, during the forenoon only.

II. CIVIL ENGINEERING.

The full course of Civil Engineering occupies a year and a half. It embraces the following studies and exercises:

Descriptive Geometry—Shade and Shadows—Linear Perspective—Theoretical and Practical Mechanics, including the elements and combinations of Machinery, the theory and practice of Mill-work, and the Measurement of moving power and of work performed—Hydraulics—Pneumatics, including the construction and theory of the Steam Engine; Applications of Chemistry and Mineralogy to Engineering—Principles of Architecture; Engineering Proper, comprising all that immediately relates to the art of Construction in all its branches, and to the nature and preparation of the materials used.

Drawing. — Geometrical and Perspective — Drawing of Plans, Elevations, and Sections of proposed structures.

Field Work.—Surveying with Compass, Theodolite, &c., Leveling; Locating a Road; Surveys for estimates of Excavation and Embankment; Astronomical Observations for the determination of time, latitude, longitude, &c.

To pursue this course to the best advantage, the student should be well acquainted with the following branches of Mathematics, viz:—Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying, Analytical Geometry, or Conic Sections; which make up the course of Mathematics taught in the University.

Without this amount of preparation persons may be admitted to any portion of the above mentioned course which they are able to pursue to advantage.

The terms of instruction in these departments of Practical Science, are given in a paragraph on page 31, under the head of Expenses.

LIBRARIES.

The University Library is in Manning Hall, and contains, at present, thirty thousand volumes. It is constantly increasing from the proceeds of a permanent fund of $25,000 established for this purpose in 1839. The Library is open four hours daily, from 9 A. M. till 1 P. M. In addition to the University Library, the Libraries of the Philermenian and the United Brothers' Societies, comprise, together, six thousand volumes, accessible to all the students of the University.

ASSISTANCE TO MERITORIOUS STUDENTS.

SCHOLARSHIPS.

A Fund derived from a bequest made to the University by the late Hon. Nicholas Brown, has been applied, by the Corporation, to the founding of eleven Scholarships, called the Nicholas Brown Scholarships. The income of these Scholarships is given, under the direction of the Executive Board, to meritorious students who may need pecuniary assistance.

Fifteen other scholarships have been recently established by the contributions of friends of the college, the income of which is already available; and special efforts are now making by which, it is hoped, the number of these foundations will be largely increased.

THE PRESIDENT'S PREMIUMS.

These premiums are derived from the income of a donation, made by the Rev. Dr. Wayland, while President of the University. They are awarded to those members of the Freshman Class who are found upon a special examination, to have attained the highest excellence in the classical studies, preparatory to admission to college. They are fixed by the statutes, as follows:

A First Premium of fifteen dollars, and a second of ten dollars, for excellence in the Greek language:

A First Premium of fifteen dollars, and a second of ten dollars, for excellence in the Latin language.

The examination is held on the first Monday of the first collegiate term. The competitors are examined in Latin and in Greek Grammar, in writing Latin and Greek, and in the first six books of the Æneid of Virgil, and in the first three books of Xenophon's Anabasis.

The premiums have this year been awarded as follows:

The First Premium in Latin to William C. Witter, instructed by Rev. P. J. Williams, in the Marion Collegiate Institute, Marion, N. Y.

The Second Premium in Latin to James G. Dougherty, instructed by Dr. S. H. Taylor, at Phillips Academy, Andover.

Also, a Second Premium in Latin to Warren R. Perce, instructed by Mr. John J. Ladd, in the Providence High School.

The First Premium in Greek to Zephaniah Brown, instructed by Mr. Merrick Lyon, in the University Grammar School.

The Second Premium in Greek to Martin S. Smith, instructed by Mr. Merrick Lyon.

TERM EXAMINATIONS.

Examinations of all the classes are held at the close of each term. These examinations are both oral and in writing.

The following committees of examination in the several departments, have been appointed by the Executive Board:

1. Greek Language.

Rev. Silas A. Crane, D. D., James Tillinghast, Esq.,
Merrick Lyon, Esq., Rev. R. F. Buel.

2. Latin Language.

Hon. John Kingsbury, L L. D., John J. Ladd, Esq.
Rev. A. H. Clapp,

3. Modern Languages.

Prof. J. B. Angell, Samuel W. Peckham, Esq.,
William Goddard, Esq., Grenville S. Stevens, M. D.

4. Rhetoric and English Literature.

Hon. W. S. Patten, Rev. W. C. Richards,
Rev. S. L. Caldwell, D. D., Alexander Farnum, Esq.

5. Physical Science.

J. W. C. Ely, M. D., William W. Pearce, Esq.,
G. L. Collins, M. D., J. W. P. Jenks, Esq.

6. History and Political Economy.

Hon. C. S. Bradley, Hon. S. G. Arnold,
Abraham Payne, Esq., Rev. Henry Waterman, D. D.

7. Intellectual and Moral Philosophy.

Rev. Alva Woods, D. D., Rev. Heman Lincoln,
S. B. Tobey, M. D., Rev. Lyman Whiting.
Rev. E. B. Hall, D. D.,

8. Natural Philosophy.

Moses B. Lockwood, Esq., Rowland Hazard, Esq.
Caleb Farnum, Esq.,

9. Mathematics and Civil Engineering.

Zachariah Allen, LL. D., Rev. Daniel Leach,
Emory Lyon, Esq., George H. Corliss, Esq.

10. Chemistry applied to the Arts.

T. P. Shepard, M. D., Marshall Woods, M. D.,
E. M. Snow, M. D., C. W. Parsons, M. D.
Thomas P. Ives, Esq.,

EXERCISES IN ELOCUTION AND COMPOSITION.

The Junior Class has regular exercises in Declamation. Each member of this class is required to deliver an original speech once a month. Members of the Junior and Sophomore Classes pursuing the Study of Rhetoric, are required to present Essays once a fortnight.

PUBLIC WORSHIP.

The exercises of every day commence with Prayers, in the College Chapel. All students are also required to attend public worship twice on Sunday. For this purpose, each one reports to the President, at the beginning of the term, the church which he will attend.

EXPENSES.

There are two terms of study in each year; and the term bills are paid in advance, and at the commencement of the term.

If a student is matriculated as a candidate for a degree, he is charged a fee of $5,00.

The College expenses for a year are as follows:

Tuition, $18,00 per term	$36 00
Room-rent, $4,50 per term	9 00
Servants' hire, $1,50 per term to $3,50	7 00
Use of Library, $1,50 per term	3 00
Register's salary, $2,00 per term	4 00
Repairs, from $1,75 to $2,00 per term	4 00
Public Fuel, from $1,75 to 2,00 per term	4 00
	$67 00

If a Student occupy a room alone, his rent and servants' hire are doubled.

Board is not furnished in College. The Register keeps a list of the names of families in the city, by whom Board, and Board and Lodging are furnished to students at the following rates:

Board at from $2,25 to $3,00 per week. Board and lodging, with furnished rooms, in some cases washing or fuel included, from $3,50 to $4,50 per week.

There are two Boarding Clubs, which are aided to some extent by the Corporation. The price of board in these clubs, the last year, was somewhat less than $2,00 per week.

The above estimate for tuition does not include the fees for instruction in Chemistry applied to the Arts, and in Civil Egineering. For the full course in each of these departments, the fee is $30,00 per term. But students who pursue the studies of either of these departments in connection with those of the other departments of the College, or persons, not pursuing other studies in college, who devote only a portion of their time to either of these departments, pay a fee in proportion to the time occupied.

All the apparatus required in the Chemical Laboratory will be furnished the student and charged in his account, and the charge cancelled for that which is returned in good condition.

Charge for Chemicals, Alcohol, Gas, and all other materials required, use of apparatus, fuel and other current expenses, per term..... $55 00

This charge is intended merely to cover the average cost. If the cost falls below the charge specified, the deduction will be made accordingly.

CALENDAR FOR 1861-62.

1861.

First Term begins Friday.....September 6.

First Recess, the week of the annual Thanksgiving.

1862.

First Term ends Thursday.....January 23.

WINTER VACATION, THREE WEEKS.

Second Term begins Friday.....February 14.

Junior Exhibition, Saturday.....April 26.

Second Recess, the week succeeding Exhibition.

Second Term ends Thursday.....July 10.

SUMMER VACATION, EIGHT WEEKS.

Commencement, Wednesday.....September 3.

UNIVERSITY OF ILLINOIS-URBANA
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